ST. LAWRENCE SEAWAY

1991 TRAFFIC REPORT

92-05345/

THE ST. LAWRENCE SEAWAY
TRAFFIC REPORT ---- 1991 NAVIGATION SEASON

PREPARED BY

THE ST. LAWRENCE SEAWAY AUTHORITY

AND

THE SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Available from:

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P.O. Box 44090
WASHINGTON, D.C. 20026-4090
Library of Congress No. HE630.S17S23

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Editorial Notes

The Traffic Report for the St. Lawrence Seaway is an annual publication prepared jointly by The St. Lawrence Seaway Authority and the Saint Lawrence Seaway Development Corporation. Prior to 1983, the last jointly prepared Traffic Report was published in 1976. During the interim years, separate reports were published by the two entities.

The primary contents of this report is divided into four parts:

Part I - Table summaries of the 1991 St. Lawrence Seaway traffic activities by traffic sectors; the Montreal-Lake Ontario Section and the Welland Canal Section.

Part II - Table summaries of cargo and vessel movements though the St. Lawrence Seaway. These tables represent total Seaway traffic, eliminating duplication of vessel transits and cargo quantities moved through more than one traffic sector.

Part III - Table summaries of cargo and vessel movements through the Montreal-Lake Ontario Section of the St. Lawrence Seaway.

Part IV - Table summaries of cargo and vessel movements through the Welland Canal Section of the St. Lawrence Seaway.

As in past years, transits and gross registered tonnages for non-toll traffic are not included in this report.

Users of this report should note that all cargo and transit figures are based on the transit of at least one lock of the section of the Seaway for which statistics are given.

TABLE OF CONTENTS

	Page
PART I - St. Lawrence Seaway Toll Traffic	1
Definitions	3
Table 1T - Traffic Summary	5
Table 2T - Commodity Summary	6
Historical Table 3T - Tolls Revenue 1959 - 1991	7
Historical Table 4T - Actual Opening and Closing Dates of Navigation 1959-1991	8
PART II - Combined Toll Traffic for both Montreal-Lake Ontario and Welland Canal Sections	9
Table 1C - Traffic by Type of Vessel	10
Table 2C - Traffic by Origin of Cargo and Type of Vessel	11
Table 3C - Traffic by Class and Type of Vessel	12
Table 4C - Traffic by Type of Transit and Type of Vessel	13
Table 5C - Traffic by Origin and Destination	14
Table 6C - Traffic by Type of Cargo	15
Table 7C - Part A - Traffic by Type of Transit and Cargo (Upbound)	16
Table 7C - Part B - Traffic by Type of Transit and Cargo (Downbound)	17
Table 8C - Traffic by Country of Registry	18
Table 9C - Traffic by Classification and Type of Cargo	19
Table 10C - Part A - Traffic by Commodity Classification and Nationality (Upbound)	20
Table 10C - Part B - Traffic by Commodity Classification and Nationality (Downbound)	21
Table 11C - Traffic by Selected Canadian Ports	22
Table 12C - Traffic by Selected United States Ports	23
Table 13C - Traffic by Selected Foreign Countries	24
Historical Table 14C - Traffic Results 1959 - 1991	25
Historical Table 15C - Cargo by Tariff Classification 1959 - 1991	26
Historical Table 16C - Total Tolls Revenue 1959 - 1991	27

continued ...

TABLE OF CONTENTS

	Page
PART III - Toll Traffic for the Montreal-Lake Ontario Section	29
Table 1M - Traffic by Type of Vessel	30
Table 2M - Traffic by Origin of Cargo and Type of Vessel	31
Table 3M - Traffic by Class and Type of Vessel	32
Table 4M - Traffic by Type of Transit and Type of Vessel	33
Table 5M - Traffic by Origin and Destination	34
Table 6M - Traffic by Type of Cargo	35
Table 7M - Part A - Traffic by Type of Transit and Cargo (Upbound)	36
Table 7M - Part B - Traffic by Type of Transit and Cargo (Downbound)	37
Table 8M - Traffic by Country of Registry	38
Table 9M - Traffic by Classification and Type of Cargo	39
Table 10M - Part A - Traffic by Commodity Classification and Nationality (Upbound)	40
Table 10M - Part B - Traffic by Commodity Classification and Nationality (Downbound)	41
Table 11M - Traffic by Vessel Length	42
Table 12M - Traffic by Vessel Size in Gross Registered Tons	43
Table 13M - Traffic by Month and Type of Cargo	44
Historical Table 14M - Traffic Results 1959 - 1991	45
Historical Table 15M - Cargo by Tariff Classification 1959 - 1991	46
Historical Table 16M - Total Tolls Revenue 1959 - 1991	47
Historical Table 17M - Vessel Transits 1959 - 1991	48
Historical Table 18M - Vessel Analysis 1959 - 1991	49
Historical Table 19M - Cargo by Transit and Vessel 1959 - 1991	50
Historical Table 20M - Traffic by Vessel Length 1959 - 1991	51
Historical Table 21M - Commodity Groups 1959 - 1991	52
Historical Table 22M - Selected U.S. Grains 1959 - 1991	53
Historical Table 23M - Selected Canadian Grains 1959 - 1991	54
Historical Table 24M - Selected Mining Commodities 1959 - 1991	55
Historical Table 25M - Selected Processed Commodities 1959 - 1991	56
Historical Table 26M - Cargo Tonnes by Origin-Destination 1959 - 1991	57

continued ...

TABLE OF CONTENTS

	Page
PART IV - Toll Traffic for the Welland Canal Section	59
Table 1W - Traffic by Type of Vessel	60
Table 2W - Traffic by Origin of Cargo and Type of Vessel	61
Table 3W - Traffic by Class and Type of Vessel	62
Table 4W - Traffic by Type of Transit and Type of Vessel	63
Table 5W - Traffic by Origin and Destination	64
Table 6W - Traffic by Type of Cargo	65
Table 7W - Part A - Traffic by Type of Transit and Cargo (Upbound)	66
Table 7W - Part B - Traffic by Type of Transit and Cargo (Downbound)	67
Table 8W - Traffic by Country of Registry	68
Table 9W - Traffic by Classification and Type of Cargo	69
Table 10W - Part A - Traffic by Commodity Classification and Nationality (Upbound)	70
Table 10W - Part B - Traffic by Commodity Classification and Nationality (Downbound)	71
Table 11W - Traffic by Vessel Length	72
Table 12W - Traffic by Vessel Size in Gross Registered Tons	73
Table 13W - Traffic by Month and Type of Cargo	74
Historical Table 14W - Traffic Results 1959 - 1991	75
Historical Table 15W - Cargo by Tariff Classification 1959 - 1991	76
Historical Table 16W - Total Tolls Revenue 1959 - 1991	77
Historical Table 17W - Vessel Transits 1959 - 1991	78
Historical Table 18W - Vessel Analysis 1959 - 1991	79
Historical Table 19W - Cargo by Transit and Vessel 1959 - 1991	80
Historical Table 20W - Traffic by Vessel Length 1959 - 1991	81
Historical Table 21W - Commodity Groups 1959 - 1991	82
Historical Table 22W - Selected U.S. Grains 1959 - 1991	83
Historical Table 23W - Selected Canadian Grains 1959 - 1991	84
Historical Table 24W - Selected Mining Commodities 1959 - 1991	85
Historical Table 25W - Selected Processed Commodities 1959 - 1991	86
Historical Table 26W - Cargo Tonnes by Origin-Destination 1959 - 1991	87

PART I

St. Lawrence Seaway Toll Traffic

Definitions

and 1991

Traffic Summaries

DEFINITIONS

In this report cargo quantities are recorded in metric tonnes. If required, short ton equivalences may be calculated by multiplying the metric quantities using the 1.1023 conversion factor. Historical cargo data, published in short tons prior to 1978, have been converted to metric equivalences.

For the interpretation of the tabulations contained in this traffic report, the following definitions should be noted:

a) **Bulk Cargo** — The tonnes of bulk cargo assessed at the Bulk rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.

b) **Cargo Tonnes** — The tonnes of cargo carried by a vessel on each or any transit.

c) **Coastal** — Means transits to or from the Maritimes and U.S. Atlantic Ports.

d) **Commodity** — The classification of commodities is based on that prescribed by the Canadian Transport Commission and the Interstate Commerce Commission of the United states.

e) **Container Cargo** — The tonnes of containerized cargo assessed at the Containers rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.

f) **Destination** — Means the country in which the cargo was unloaded and/or the transit terminated.

g) **General Cargo** — The tonnes of cargo assessed at the General rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.

h) **Government Aid Cargo** — The tonnes of cargo assessed at the Government Aid rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.

i) **Grain Cargo** — The tonnes of cargo assessed at the Food or Feed Grains rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.

j) **Gross Registered Tonnage** — The gross registered tonnage of a vessel according to the country of registry.

k) **Inland** — Means transits to and from inland ports connected by water routes made navigable by one or more lock structures.

l) **Mixed Cargo** — Indicates that a vessel carried any combination of Grains, Government Aid, Containers, General or Bulk cargoes.

m) **Origin** — Means the country in which the cargo was loaded and/or the transit originated.

n) **Overseas** — Means transits to or from Foreign Ports beyond the Coast of Canada and the United States.

o) **Package Freight** — In the historical tables, designates cargo consisting of miscellaneous packages generally unidentifiable as to commodity and carried only on vessels licensed by the respective Authorities in Canada and the United States. This commodity classification is no longer applicable.

p) **Transit** — A partial or complete upbound or downbound passage of a vessel through one or more locks of a Seaway canal.

q) **Tug and Barge Combinations** — The assessment of tolls requires tugs and barges in common transit to be considered as one unit. In this report the number of transits shown under this category represents the number of combined passages plus the number of individual tugs transiting the Seaway.

It should be noted, in any analysis, that there is not necessarily a relationship between a specific "Commodity" classification and a "Tariff of Tolls" classification. Due to the method of packaging, handling, special refinements or other provisions, an otherwise identical commodity item may be classified in any of the Bulk, Grains, Government Aid, Containers or General tariff of tolls categories.

TRAFFIC SUMMARY
1991

TABLE 1T

TRAFFIC AND REVENUE	MONTREAL-LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
TRAFFIC	Tonnes and Transits	% of Total	Variance % 1990	Tonnes and Transits	% of Total	Variance % 1990
Cargo Tonnes by Toll Classification:						
Bulk	15 771 687	45.2	-23.3	18 326 722	49.6	-23.0
Grains	15 444 845	44.2	26.3	15 851 375	43.0	25.2
Government Aid	159 449	0.4	81.7	121 628	0.3	80.9
Containers	20 472	0.1	-14.4	10 274	0.0	-14.6
General Cargo	3 513 990	10.1	-6.4	2 608 973	7.1	-9.2
Cargo Tonnes - Total	34 910 443	100.0	-4.8	36 918 972	100.0	-6.3
Gross Registered Tonnage:						
Cargo Vessels	35 287 176	99.7	4.6	45 299 074	99.7	1.9
Non-Cargo Vessels	108 025	0.3	-26.0	140 893	0.3	0.7
Gross Registered Tonnage - Total	35 395 201	100.0	4.4	45 439 967	100.0	1.9
Vessel Transits:						
Loaded Cargo Vessels	1 911	66.8	-5.0	1 963	55.0	-9.0
Ballast Cargo Vessels	689	24.1	46.9	1 209	33.9	12.8
Non-Cargo	259	9.1	-9.8	398	11.1	14.4
Vessel Transits - Total	2 859	100.0	3.3	3 570	100.0	-0.2
	Number			Number		
Additional Information:						
Passengers (Number)	6 749	-	43.5	15 066	-	30.4
Pleasure Craft Lockages	14 655	-	-6.5	8 024	-	0.2
Containers (T.E.U.)	1 919	-	-21.6	955	-	-24.1
REVENUE	Revenue			Revenue		
	$			$		
Traffic Revenue ($) by Toll Classification:						
Bulk	15 077 580	41.6	-18.7	8 749 779	26.8	-17.0
Grains	9 260 708	25.5	33.0	7 739 819	23.7	34.1
Government Aid	-	0.0	-100.0	-	0.0	-100.0
Containers	20 063	0.1	-8.0	5 034	0.0	-9.0
General Cargo	8 358 403	23.1	-0.7	2 034 769	6.2	-4.3
Gross Registered Tonnage	3 487 729	9.6	17.2	5 341 273	16.4	11.6
Other	44 123	0.1	11.4	36 728	0.1	36.1
Lockage Fees	-	0.0	0.0	8 738 160	26.8	2.9
Traffic Revenue - Total	36 248 606	100.0	2.0	32 645 562	100.0	2.8

COMMODITY SUMMARY
1991

TABLE 2T

SUMMARY OF MAJOR COMMODITIES	MONTREAL-LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Tonnes	% of Total	Variance % 1990	Tonnes	% of Total	Variance % 1990
Agricultural Products:						
Wheat	12 216 891	35.0	31.7	12 432 804	33.7	32.7
Corn	1 503 622	4.3	24.7	1 557 323	4.2	11.8
Rye	1 403	0.0	-75.3	1 403	0.0	-75.3
Oats	1 050	0.0	-81.3	1 050	0.0	-81.3
Barley	664 207	1.9	-41.0	664 207	1.8	-41.0
Soybeans	469 412	1.4	72.0	469 412	1.3	28.7
Flaxseed	171 718	0.5	3.6	171 718	0.5	3.6
Other Grains	465 341	1.3	43.5	565 626	1.5	50.8
Total Grains	15 493 644	44.4	25.1	15 863 543	43.0	23.9
Other Agricultural Products	39 060	0.1	587.9	64 807	0.2	648.0
Agricultural Products - Total	15 532 704	44.5	25.4	15 928 350	43.2	24.4
Mine Products:						
Iron Ore	8 455 027	24.2	-26.7	5 698 201	15.4	-23.9
Coal	591 980	1.7	21.0	5 276 522	14.3	-15.8
Coke	503 410	1.4	-46.8	459 181	1.2	-55.7
Stone, Ground, Crushed, or Rough	598 944	1.7	-16.3	1 179 384	3.2	-33.8
Salt	1 029 814	3.0	-13.0	1 355 831	3.7	-10.4
Other Mine Products	1 183 369	3.4	-29.6	1 214 195	3.3	-19.6
Mine Products - Total	12 362 544	35.4	-25.3	15 183 314	41.1	-22.5
Processed Products:						
Iron and Steel	3 438 134	9.9	-4.7	2 549 540	6.9	-7.8
Fuel Oil	866 101	2.5	-2.8	655 024	1.8	-30.2
Other Petroleum Products	415 327	1.2	-27.2	177 699	0.5	-39.2
Chemicals	568 383	1.6	-30.4	529 638	1.4	-22.7
Other Processed Products	1 648 361	4.7	-4.7	1 856 261	5.0	-17.8
Processed Products - Total	6 936 306	19.9	-8.9	5 768 162	15.6	-16.9
Miscellaneous Cargo:						
Forest Products	27 619	0.1	-57.3	21 501	0.1	-63.9
Animal Products	51 270	0.1	11.5	17 645	0.0	92.3
Miscellaneous Cargo - Total	78 889	0.2	-28.7	39 146	0.1	-43.0
GRAND TOTAL	34 910 443	100.0	-4.8	36 918 972	100.0	-6.3

ST. LAWRENCE SEAWAY SYSTEM
TOLL REVENUE (DOLLARS)

HISTORICAL TABLE 3T

YEAR	CANADA			UNITED STATES	COMBINED (1)
	Montreal-Lake Ontario Section	Welland Canal Section	Total	Montreal-Lake Ontario Section	Canada and U.S.
	$	$	$	$	$
1959 (2)	7 104 283	1 221 436	8 325 719	2 942 594	11 268 313
1960	7 177 432	1 318 357	8 495 789	2 931 627	11 427 416
1961	8 099 013	1 460 451	9 559 464	3 308 047	12 867 511
1962 (3)	8 928 090	640 193	9 568 283	3 646 685	13 214 968
1963	10 736 820	-	10 736 820	4 385 462	15 122 282
1964	13 550 525	-	13 550 525	5 534 722	19 085 247
1965	15 484 399	-	15 484 399	6 324 613	21 809 012
1966	17 277 397	-	17 277 397	7 056 965	24 334 362
1967 (4)	16 315 345	913 275	17 228 620	6 034 443	23 263 063
1968	18 168 871	1 749 165	19 918 036	6 719 994	26 638 030
1969	15 663 229	2 494 075	18 157 304	5 793 249	23 950 553
1970	18 591 443	3 533 405	22 124 848	6 867 784	28 992 632
1971	20 016 608	4 331 602	24 348 210	7 390 029	31 738 239
1972	19 940 726	4 242 605	24 183 331	7 360 363	31 543 694
1973	20 362 905	4 232 455	24 595 360	7 531 486	32 126 846
1974	15 563 467	3 176 688	18 740 155	5 756 350	24 496 505
1975	16 492 316	3 720 018	20 212 334	6 099 898	26 312 232
1976	18 843 654	3 789 408	22 633 062	6 969 570	29 602 632
1977	22 461 583	4 030 938	26 492 521	8 307 708	34 800 229
1978 (5)	23 579 826	18 291 307	41 871 133	9 631 197	51 502 330
1979	25 464 676	21 241 630	46 706 306	10 401 065	57 107 371
1980	23 002 818	23 609 888	46 612 706	9 395 517	56 008 223
1981	24 432 396	23 092 629	47 525 025	9 979 429	57 504 454
1982 (6)	23 687 472	24 529 232	48 216 704	9 645 209	57 861 913
1983	26 813 636	28 144 615	54 958 251	10 867 254	65 825 505
1984	29 630 507	29 830 499	59 461 006	11 968 392	71 429 398
1985 (7)	24 558 924	23 268 763	47 827 687	9 006 703	56 834 390
1986 (8)	24 902 133	27 132 291	52 034 424	9 152 250	61 186 674
1987	25 952 068	29 676 213	55 628 281	9 529 531	65 157 812
1988	27 309 723	32 697 632	60 007 355	10 049 269	70 056 624
1989 (9)	27 740 243	31 218 256	58 958 499	9 225 817	68 184 316
1990	27 729 693	31 751 476	59 481 169	9 240 172	68 721 341
1991 (10)	27 200 074	32 645 562	59 845 636	9 048 532	68 894 168
TOTAL	652 782 295	417 984 064	1 070 766 359	248 101 926	1 318 868 285

(1) Tolls are collected in Canadian and U.S. dollars as shown below. The combined total does not distinguish between currencies. Revenue data is sourced from calendar year traffic reports and will vary from annual financial reports.
(2) Montreal-Lake Ontario revenue split, Canada 71%, U.S. 29%, 1959 through 1966.
(3) Welland Canal tolls suspended July 18, 1962.
(4) Increasing schedule of lockage charges imposed on the Welland Canal, April 1, 1967. Montreal-Lake Ontario revenue split, Canada 73%, U.S. 27%, 1967 through 1977.
(5) System-wide 3-year phased toll increase. Welland Lockage fees replaced with commodity and GRT tolls. Montreal-Lake Ontario revenue split revised to: Canada 71%, U.S. 29%
(6) System-wide 2-year phased toll increase. Welland lockage fees reinstituted with commodity and GRT tolls.
(7) Montreal-Lake Ontario revenue split revised to: Canada 73%, U.S. 27%.
(8) Increased schedule of lockage fees and toll charges imposed on the Welland Canal, April 1, 1986, 1987 and 1988.
(9) System-wide 2-year phased toll increase. Montreal-Lake Ontario revenue split revised to: Canada 75%, U.S. 25%.
(10) System-wide 3-year phased toll increase.

ACTUAL OPENING AND CLOSING DATES OF NAVIGATION

HISTORICAL TABLE 4T

YEAR	MONTREAL-LAKE ONTARIO			WELLAND CANAL SECTION		
	Opened	Closed	Days of Navigation	Opened	Closed	Days of Navigation
1959	April 25	December 3	223	April 6	December 15	254
1960	April 18	December 3	230	April 1	December 16	260
1961	April 15	December 7	237	April 1	December 16	260
1962	April 15	December 7	237	April 1	December 16	260
1963	April 15	December 13	243	April 1	December 18	262
1964	April 8	December 7	244	March 30	December 15	261
1965	April 8	December 17	254	April 1	December 16	260
1966	April 1	December 15	259	April 4	December 16	257
1967	April 7	December 16	254	April 1	December 16	260
1968	April 8	December 14	251	April 1	December 22	266
1969	April 7	December 15	253	April 1	December 22	266
1970	April 4	December 18	259	April 1	December 30	274
1971	April 14	December 20	251	March 29	January 8	286
1972	April 12	December 23	256	March 29	December 16	263
1973	March 28	December 22	270	March 28	January 4	283
1974	March 26	December 18	268	March 29	January 18	296
1975	March 25	December 21	272	March 25	December 31	282
1976	April 3	December 24	266	April 1	January 3	278
1977	April 4	December 26	267	April 4	December 31	272
1978	April 3	December 22	264	March 28	December 31	279
1979	April 2	December 22	265	March 28	December 29	277
1980	March 24	December 19	271	March 24	December 31	283
1981	March 25	December 20	271	March 25	December 27	278
1982	April 5	December 21	261	April 5	December 23	263
1983	March 31	December 19	264	April 5	December 27	267
1984	April 2	January 2	276	March 28	January 1	280
1985	April 1	December 30	274	April 1	December 30	274
1986	April 3	December 27	269	April 3	December 26	268
1987	March 31	December 26	271	April 1	December 28	272
1988	March 29	December 23	270	March 30	December 25	271
1989	March 30	December 23	269	March 31	December 23	268
1990	March 28	December 26	274	March 28	December 24	272
1991	March 26	December 24	274	March 26	December 24	274

ACTUAL DATES

OPENING - The date the system opened for commercial navigation.

CLOSING - The date the last commercial vessel cleared the system.

PART II

St. Lawrence Seaway

Combined Toll Traffic

for both

Montreal-Lake Ontario

and

Welland Canal Sections

TRAFFIC BY TYPE OF VESSEL
1991

TABLE 1C

ST. LAWRENCE SEAWAY

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Cargo	732	779	1 511	23 418 047	11 742 711	20 477	-	14 279	1 819 170	13 596 637	30.1	25 839 414.19	37.5
Tug and Barge	37	83	120	463 772	245 526	-	-	-	412	245 938	0.5	424 250.70	0.6
Tanker	92	116	208	1 334 925	732 048	-	-	-	-	732 048	1.6	1 330 279.71	1.9
Non-Cargo	142	171	313	102 714	-	-	-	-	-	-	0.0	49 055.81	0.1
Total Up	1 003	1 149	2 152	25 319 458	12 720 285	20 477	-	14 279	1 819 582	14 574 623	32.3	27 643 000.41	40.1
DOWNBOUND:													
Cargo	1 362	103	1 465	22 644 865	11 124 960	15 989 955	159 449	6 193	1 698 686	28 979 243	64.1	38 507 407.70	55.9
Tug and Barge	79	39	118	433 611	389 719	-	-	-	-	389 719	0.9	531 795.99	0.8
Tanker	148	61	209	1 338 453	1 243 676	-	-	-	-	1 243 676	2.8	2 161 385.21	3.1
Non-Cargo	144	167	311	111 939	-	-	-	-	-	-	0.0	50 578.99	0.1
Total Down	1 733	370	2 103	24 528 868	12 758 355	15 989 955	159 449	6 193	1 698 686	30 612 638	67.7	41 251 167.89	59.9
TOTALS:													
Cargo	2 094	882	2 976	46 062 912	22 867 671	16 010 432	159 449	20 472	3 517 856	42 575 880	94.2	64 346 821.89	93.4
Tug and Barge	116	122	238	897 383	635 245	-	-	-	412	635 657	1.4	956 046.69	1.4
Tanker	240	177	417	2 673 378	1 975 724	-	-	-	-	1 975 724	4.4	3 491 664.92	5.1
Non-Cargo	286	338	624	214 653	-	-	-	-	-	-	0.0	99 634.80	0.1
GRAND TOTAL	2 736	1 519	4 255	49 848 326	25 478 640	16 010 432	159 449	20 472	3 518 268	45 187 261	100.0	68 894 168.30	100.0

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL

1991

ST. LAWRENCE SEAWAY

TABLE 2C

ORIGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
CANADA:													
Cargo	480	683	1 163	18 584 863	10 554 780	5 513	-	-	11 582	10 571 875	23.4	17 100 856.07	24.8
Tug and Barge	31	72	103	358 259	157 622	-	-	-	412	158 034	0.3	300 862.25	0.4
Tanker	53	90	143	828 914	406 544	-	-	-	-	406 544	0.9	787 768.68	1.1
Non-Cargo	132	144	276	87 961	-	-	-	-	-	-	0.0	39 936.33	0.1
Total Canada	696	989	1 685	19 859 997	11 118 946	5 513	-	-	11 994	11 136 453	24.6	18 229 423.33	26.5
U.S.A.:													
Cargo	11	14	25	309 094	129 527	-	-	-	-	129 527	0.3	164 831.81	0.2
Tug and Barge	5	11	16	91 528	70 117	-	-	-	-	70 117	0.2	104 558.67	0.2
Tanker	9	19	28	169 794	77 840	-	-	-	-	77 840	0.2	152 873.64	0.2
Non-Cargo	10	27	37	14 753	-	-	-	-	-	-	0.0	9 119.48	0.0
Total U.S.A.	35	71	106	585 169	277 484	-	-	-	-	277 484	0.6	431 383.60	0.6
FOREIGN:													
Cargo	241	82	323	4 524 090	1 058 404	14 964	-	14 279	1 807 588	2 895 235	6.4	8 573 726.31	12.4
Tug and Barge	1	-	1	13 985	17 787	-	-	-	-	17 787	0.0	18 829.78	0.0
Tanker	30	7	37	336 217	247 664	-	-	-	-	247 664	0.5	389 637.39	0.6
Non-Cargo	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Foreign	272	89	361	4 874 292	1 323 855	14 964	-	14 279	1 807 588	3 160 686	7.0	8 982 193.48	13.0
Total Up	1 003	1 149	2 152	25 319 458	12 720 285	20 477	-	14 279	1 819 582	14 574 623	32.3	27 643 000.41	40.1
DOWNBOUND:													
CANADA:													
Cargo	752	40	792	12 211 323	2 533 708	12 589 301	132 551	2 896	1 165 366	16 423 822	36.3	22 998 317.73	33.4
Tug and Barge	48	26	74	316 930	289 479	-	-	-	-	289 479	0.6	351 581.24	0.5
Tanker	130	52	182	1 178 464	1 137 596	-	-	-	-	1 137 596	2.5	1 952 695.64	2.8
Non-Cargo	133	137	270	86 484	-	-	-	-	-	-	0.0	36 702.78	0.1
Total Canada	1 063	255	1 318	13 793 201	3 960 783	12 589 301	132 551	2 896	1 165 366	17 850 897	39.5	25 339 297.39	36.8
U.S.A.:													
Cargo	610	63	673	10 433 542	8 591 252	3 400 654	26 898	3 297	533 320	12 555 421	27.8	15 509 089.97	22.5
Tug and Barge	31	13	44	116 681	100 240	-	-	-	-	100 240	0.2	180 214.75	0.3
Tanker	18	9	27	159 989	106 080	-	-	-	-	106 080	0.2	208 689.57	0.3
Non-Cargo	11	30	41	25 455	-	-	-	-	-	-	0.0	13 876.21	0.0
Total U.S.A.	670	115	785	10 735 667	8 797 572	3 400 654	26 898	3 297	533 320	12 761 741	28.2	15 911 870.50	23.1
Total Down	1 733	370	2 103	24 528 868	12 758 355	15 989 955	159 449	6 193	1 698 686	30 612 638	67.7	41 251 167.89	59.9
TOTALS:													
CANADA:	1 759	1 244	3 003	33 653 198	15 079 729	12 594 814	132 551	2 896	1 177 360	28 987 350	64.1	43 568 720.72	63.2
U.S.A.:	705	186	891	11 320 836	9 075 056	3 400 654	26 898	3 297	533 320	13 039 225	28.9	16 343 254.10	23.7
FOREIGN:	272	89	361	4 874 292	1 323 855	14 964	-	14 279	1 807 588	3 160 686	7.0	8 982 193.48	13.0
GRAND TOTAL	2 736	1 519	4 255	49 848 326	25 478 640	16 010 432	159 449	20 472	3 518 268	45 187 261	100.0	68 894 168.30	100.0

TRAFFIC BY CLASS AND TYPE OF VESSEL
1991

TABLE 3C

ST. LAWRENCE SEAWAY

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
OCEAN:													
Cargo	255	151	406	5 721 324	1 192 676	14 964	-	14 279	1 807 801	3 029 720	6.7	8 986 829.30	13.0
Tanker	40	14	54	476 158	339 517	-	-	-	-	339 517	0.8	520 930.75	0.8
Total Ocean	295	165	460	6 197 482	1 532 193	14 964	-	14 279	1 807 801	3 369 237	7.5	9 507 760.05	13.8
LAKER:													
Cargo	477	628	1 105	17 696 723	10 550 035	5 513	-	-	11 369	10 566 917	23.4	16 852 584.89	24.5
Tug and Barge	37	83	120	463 772	245 526	-	-	-	412	245 938	0.5	424 250.70	0.6
Tanker	52	102	154	858 767	392 531	-	-	-	-	392 531	0.9	809 348.96	1.2
Total Laker	566	813	1 379	19 019 262	11 188 092	5 513	-	-	11 781	11 205 386	24.8	18 086 184.55	26.3
ALL OTHER:	142	171	313	102 714	-	-	-	-	-	-	0.0	49 055.81	0.1
Total Upbound	1 003	1 149	2 152	25 319 458	12 720 285	20 477	-	14 279	1 819 582	14 574 623	32.3	27 643 000.41	40.1
DOWNBOUND:													
OCEAN:													
Cargo	358	37	395	5 542 278	1 149 925	2 114 082	159 449	6 193	1 694 711	5 124 360	11.3	10 663 590.51	15.5
Tanker	33	21	54	476 158	310 227	-	-	-	-	310 227	0.7	558 781.34	0.8
Total Ocean	391	58	449	6 018 436	1 460 152	2 114 082	159 449	6 193	1 694 711	5 434 587	12.0	11 222 371.85	16.3
LAKER:													
Cargo	1 004	66	1 070	17 102 587	9 975 035	13 875 873	-	-	3 975	23 854 883	52.8	27 843 817.19	40.4
Tug and Barge	79	39	118	433 611	389 719	-	-	-	-	389 719	0.9	531 795.99	0.8
Tanker	115	40	155	862 295	933 449	-	-	-	-	933 449	2.1	1 602 603.87	2.3
Total Laker	1 198	145	1 343	18 398 493	11 298 203	13 875 873	-	-	3 975	25 178 051	55.7	29 978 217.05	43.5
ALL OTHER:	144	167	311	111 939	-	-	-	-	-	-	0.0	50 578.99	0.1
Total Downbound	1 733	370	2 103	24 528 868	12 758 355	15 989 955	159 449	6 193	1 698 686	30 612 638	67.7	41 251 167.89	59.9
TOTALS:													
OCEAN:													
Cargo	613	188	801	11 263 602	2 342 601	2 129 046	159 449	20 472	3 502 512	8 154 080	18.0	19 650 419.81	28.5
Tanker	73	35	108	952 316	649 744	-	-	-	-	649 744	1.4	1 079 712.09	1.6
Total Ocean	686	223	909	12 215 918	2 992 345	2 129 046	159 449	20 472	3 502 512	8 803 824	19.5	20 730 131.90	30.1
LAKER:													
Cargo	1 481	694	2 175	34 799 310	20 525 070	13 881 386	-	-	15 344	34 421 800	76.2	44 696 402.08	64.9
Tug and Barge	116	122	238	897 383	635 245	-	-	-	412	635 657	1.4	956 046.69	1.4
Tanker	167	142	309	1 721 062	1 325 980	-	-	-	-	1 325 980	2.9	2 411 952.83	3.5
Total Laker	1 764	958	2 722	37 417 755	22 486 295	13 881 386	-	-	15 756	36 383 437	80.5	48 064 401.60	69.8
ALL OTHER:	286	338	624	214 653	-	-	-	-	-	-	0.0	99 634.80	0.1
GRAND TOTAL	2 736	1 519	4 255	49 848 326	25 478 640	16 010 432	159 449	20 472	3 518 268	45 187 261	100.0	68 894 168.30	100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1991

TABLE 4C

ST. LAWRENCE SEAWAY

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	$	%
UPBOUND:													
OVERSEAS:													
Cargo	241	83	324	4 540 977	1 058 404	14 964	-	14 279	1 807 602	2 895 249	6.4	8 575 415.02	12.4
Tug and Barge	1	-	1	13 985	17 787	-	-	-	-	17 787	0.0	18 829.78	0.0
Tanker	30	7	37	336 217	250 864	-	-	-	-	250 864	0.6	389 637.39	0.6
Total Overseas	272	90	362	4 891 179	1 327 055	14 964	-	14 279	1 807 602	3 163 900	7.0	8 983 882.19	13.0
INLAND:													
Cargo	451	682	1 133	18 061 395	9 981 086	5 513	-	-	11 568	9 998 167	22.1	16 485 141.87	23.9
Tug and Barge	31	81	112	388 505	157 622	-	-	-	412	158 034	0.3	322 467.43	0.5
Tanker	53	97	150	848 653	403 344	-	-	-	-	403 344	0.9	801 005.14	1.2
Total Inland	535	860	1 395	19 298 553	10 542 052	5 513	-	-	11 980	10 559 545	23.4	17 608 614.44	25.6
COASTAL:													
Cargo	40	14	54	815 675	703 221	-	-	-	-	703 221	1.6	778 857.30	1.1
Tug and Barge	5	2	7	61 282	70 117	-	-	-	-	70 117	0.2	82 953.49	0.1
Tanker	9	12	21	150 055	77 840	-	-	-	-	77 840	0.2	139 637.18	0.2
Total Coastal	54	28	82	1 027 012	851 178	-	-	-	-	851 178	1.9	1 001 447.97	1.5
NON-CARGO:													
Tug	1	81	82	13 086	-	-	-	-	-	-	0.0	10 419.04	0.0
All Other	141	90	231	89 628	-	-	-	-	-	-	0.0	38 636.77	0.1
Total Non-Cargo	142	171	313	102 714	-	-	-	-	-	-	0.0	49 055.81	0.1
Total Upbound	1 003	1 149	2 152	25 319 458	12 720 285	20 477	-	14 279	1 819 582	14 574 623	32.3	27 643 000.41	40.1
DOWNBOUND:													
OVERSEAS:													
Cargo	349	3	352	4 979 312	1 006 429	2 114 082	159 449	6 193	1 668 120	4 954 273	11.0	10 339 581.01	15.0
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	23	13	36	343 516	232 604	-	-	-	-	232 604	0.5	438 951.88	0.6
Total Overseas	372	16	388	5 322 828	1 239 033	2 114 082	159 449	6 193	1 668 120	5 186 877	11.5	10 778 532.89	15.6
INLAND:													
Cargo	980	88	1 068	16 974 657	9 881 410	13 547 171	-	-	3 975	23 432 556	51.9	27 337 816.23	39.7
Tug and Barge	76	38	114	427 817	381 328	-	-	-	-	381 328	0.8	508 440.11	0.7
Tanker	110	43	153	866 862	895 107	-	-	-	-	895 107	2.0	1 527 254.54	2.2
Total Inland	1 166	169	1 335	18 269 336	11 157 845	13 547 171	-	-	3 975	24 708 991	54.7	29 373 510.88	42.6
COASTAL:													
Cargo	33	12	45	690 896	237 121	328 702	-	-	26 591	592 414	1.3	830 010.46	1.2
Tug and Barge	3	1	4	5 794	8 391	-	-	-	-	8 391	0.0	23 355.88	0.0
Tanker	15	5	20	128 075	115 965	-	-	-	-	115 965	0.3	195 178.79	0.3
Total Coastal	51	18	69	824 765	361 477	328 702	-	-	26 591	716 770	1.6	1 048 545.13	1.5
NON-CARGO:													
Tug	-	78	78	13 642	-	-	-	-	-	-	0.0	7 612.93	0.0
All Other	144	89	233	98 297	-	-	-	-	-	-	0.0	42 966.06	0.1
Total Non-Cargo	144	167	311	111 939	-	-	-	-	-	-	0.0	50 578.99	0.1
Total Downbound	1 733	370	2 103	24 528 868	12 758 355	15 989 955	159 449	6 193	1 698 686	30 612 638	67.7	41 251 167.89	59.9
GRAND TOTAL	2 736	1 519	4 255	49 848 326	25 478 640	16 010 432	159 449	20 472	3 518 268	45 187 261	100.0	68 894 168.30	100.0

TRAFFIC BY ORIGIN AND DESTINATION
1991

ST. LAWRENCE SEAWAY

TABLE 5C

ORIGIN AND DESTINATION (1)	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Canada - Canada	378	639	1 017	10 066 006	6 254 098	5 513	-	-	-	6 259 611	13.9	7 933 034.65	11.5
Canada - U.S.A.	318	350	668	9 793 991	4 864 848	-	-	-	11 994	4 876 842	10.8	10 296 388.68	14.9
Foreign - Canada	82	52	134	1 654 449	913 162	14 964	-	7 302	181 826	1 117 254	2.5	1 564 525.12	2.3
Total Canada	778	1 041	1 819	21 514 446	12 032 108	20 477	-	7 302	193 820	12 253 707	27.1	19 793 948.45	28.7
U.S.A. - Canada	21	35	56	516 716	261 988	-	-	-	-	261 988	0.6	359 692.64	0.5
U.S.A. - U.S.A.	14	36	50	68 453	15 496	-	-	-	-	15 496	0.0	71 690.96	0.1
Foreign - U.S.A.	190	37	227	3 219 843	410 693	-	-	6 977	1 625 762	2 043 432	4.5	7 417 668.36	10.8
Total U.S.A.	225	108	333	3 805 012	688 177	-	-	6 977	1 625 762	2 320 916	5.1	7 849 051.96	11.4
Total Upbound	1 003	1 149	2 152	25 319 458	12 720 285	20 477	-	14 279	1 819 582	14 574 623	32.3	27 643 000.41	40.1
DOWNBOUND:													
Canada - Canada	844	234	1 078	10 857 191	2 911 244	11 844 458	-	-	-	14 755 702	32.7	19 788 074.89	28.7
Canada - U.S.A.	38	7	45	374 502	425 934	-	-	-	37 207	463 141	1.0	491 907.29	0.7
Canada - Foreign	181	14	195	2 561 508	623 605	744 843	132 551	2 896	1 128 159	2 632 054	5.8	5 059 315.21	7.3
Total Canada	1 063	255	1 318	13 793 201	3 960 783	12 589 301	132 551	2 896	1 165 366	17 850 897	39.5	25 339 297.39	36.8
U.S.A. - Canada	459	89	548	7 869 530	8 173 484	2 031 415	-	-	8 229	10 213 128	22.6	10 110 097.58	14.7
U.S.A. - U.S.A.	20	24	44	104 817	8 660	-	-	-	-	8 660	0.0	82 555.24	0.1
U.S.A. - Foreign	191	2	193	2 761 320	615 428	1 369 239	26 898	3 297	525 091	2 539 953	5.6	5 719 217.68	8.3
Total U.S.A.	670	115	785	10 735 667	8 797 572	3 400 654	26 898	3 297	533 320	12 761 741	28.2	15 911 870.50	23.1
Total Downbound	1 733	370	2 103	24 528 868	12 758 355	15 989 955	159 449	6 193	1 698 686	30 612 638	67.7	41 251 167.89	59.9
TOTALS:													
Canada - Canada	1 222	873	2 095	20 923 197	9 165 342	11 849 971	-	-	-	21 015 313	46.5	27 721 109.54	40.2
Canada - U.S.A.	356	357	713	10 168 493	5 290 782	-	-	-	49 201	5 339 983	11.8	10 738 295.97	15.7
Canada - Foreign	181	14	195	2 561 508	623 605	744 843	132 551	2 896	1 128 159	2 632 054	5.8	5 059 315.21	7.3
Foreign - Canada	82	52	134	1 654 449	913 162	14 964	-	7 302	181 826	1 117 254	2.5	1 564 525.12	2.3
Total Canada	1 841	1 296	3 137	35 307 647	15 992 891	12 609 778	132 551	10 198	1 359 186	30 104 604	66.6	45 133 245.84	65.5
U.S.A. - Canada	480	124	604	8 386 246	8 435 472	2 031 415	-	-	8 229	10 475 116	23.2	10 469 790.22	15.2
U.S.A. - U.S.A.	34	60	94	173 270	24 156	-	-	-	-	24 156	0.1	154 246.20	0.2
U.S.A. - Foreign	191	2	193	2 761 320	615 428	1 369 239	26 898	3 297	525 091	2 539 953	5.6	5 719 217.68	8.3
Foreign - U.S.A.	190	37	227	3 219 843	410 693	-	-	6 977	1 625 762	2 043 432	4.5	7 417 668.36	10.8
Total U.S.A.	895	223	1 118	14 540 679	9 485 749	3 400 654	26 898	10 274	2 159 082	15 082 657	33.4	23 760 922.46	34.5
GRAND TOTAL	2 736	1 519	4 255	49 848 326	25 478 640	16 010 432	159 449	20 472	3 518 268	45 187 261	100.0	68 894 168.30	100.0

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1991

ST. LAWRENCE SEAWAY

TABLE 6C

TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Bulk	689	-	689	9 323 468	12 595 502	-	-	-	-	12 595 502	27.9	16 672 614.13	24.2
Grains	3	-	3	46 774	-	20 213	-	-	-	20 213	0.0	40 932.59	0.1
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	1	-	1	8 501	-	-	-	163	-	163	0.0	1 009.86	0.0
General	118	-	118	1 576 634	-	-	-	-	1 288 749	1 288 749	2.9	4 656 111.28	6.8
Mixed	51	-	51	795 780	124 783	264	-	14 116	530 833	669 996	1.5	2 095 832.71	3.0
Passengers	141	-	141	38 528	-	-	-	-	-	-	0.0	27 474.92	0.0
In Ballast - Overseas	-	90	90	1 205 560	-	-	-	-	-	-	0.0	362 987.72	0.5
- Inland	-	860	860	12 006 322	-	-	-	-	-	-	0.0	3 686 963.62	5.4
- Coastal	-	28	28	256 106	-	-	-	-	-	-	0.0	83 835.73	0.1
- Non-Cargo	-	171	171	61 785	-	-	-	-	-	-	0.0	17 237.85	0.0
Total Upbound	1 003	1 149	2 152	25 319 458	12 720 285	20 477	-	14 279	1 819 582	14 574 623	32.3	27 643 000.41	40.1
DOWNBOUND:													
Bulk	721	-	721	9 431 185	12 630 944	-	-	-	-	12 630 944	28.0	13 587 499.58	19.7
Grains	652	-	652	10 302 438	-	14 894 074	-	-	-	14 894 074	33.0	19 993 227.69	29.0
Government Aid	13	-	13	153 596	-	-	148 892	-	-	148 892	0.3	61 202.86	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	115	-	115	1 721 456	-	-	-	-	1 615 103	1 615 103	3.6	5 127 463.22	7.4
Mixed	88	-	88	1 173 576	127 411	1 095 881	10 557	6 193	83 583	1 323 625	2.9	2 069 957.66	3.0
Passengers	144	-	144	38 571	-	-	-	-	-	-	0.0	30 824.01	0.0
In Ballast - Overseas	-	16	16	119 604	-	-	-	-	-	-	0.0	22 206.40	0.0
- Inland	-	169	169	1 297 943	-	-	-	-	-	-	0.0	305 563.88	0.4
- Coastal	-	18	18	217 131	-	-	-	-	-	-	0.0	33 467.61	0.0
- Non-Cargo	-	167	167	73 368	-	-	-	-	-	-	0.0	19 754.98	0.0
Total Downbound	1 733	370	2 103	24 528 868	12 758 355	15 989 955	159 449	6 193	1 698 686	30 612 638	67.7	41 251 167.89	59.9
TOTALS:													
Bulk	1 410	-	1 410	18 754 653	25 226 446	-	-	-	-	25 226 446	55.8	30 260 113.71	43.9
Grains	655	-	655	10 349 212	-	14 914 287	-	-	-	14 914 287	33.0	20 034 160.28	29.1
Government Aid	13	-	13	153 596	-	-	148 892	-	-	148 892	0.3	61 202.86	0.1
Containers	1	-	1	8 501	-	-	-	163	-	163	0.0	1 009.86	0.0
General	233	-	233	3 298 090	-	-	-	-	2 903 852	2 903 852	6.4	9 783 574.50	14.2
Mixed	139	-	139	1 969 356	252 194	1 096 145	10 557	20 309	614 416	1 993 621	4.4	4 163 790.37	6.0
Passengers	285	-	285	77 099	-	-	-	-	-	-	0.0	58 298.93	0.1
In Ballast - Overseas	-	106	106	1 325 164	-	-	-	-	-	-	0.0	385 194.12	0.6
- Inland	-	1 029	1 029	13 304 265	-	-	-	-	-	-	0.0	3 992 527.50	5.8
- Coastal	-	46	46	473 237	-	-	-	-	-	-	0.0	117 303.34	0.2
- Non-Cargo	-	338	338	135 153	-	-	-	-	-	-	0.0	36 992.83	0.1
GRAND TOTAL	2 736	1 519	4 255	49 848 326	25 478 640	16 010 432	159 449	20 472	3 518 268	45 187 261	100.0	68 894 168.30	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1991
UPBOUND

ST. LAWRENCE SEAWAY

TABLE 7C PART A

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	109	-	109	1 311 670	1 204 291	-	-	-	-	1 204 291	2.7	1 904 604.72	2.8
Grains	1	-	1	14 743	-	14 700	-	-	-	14 700	0.0	22 386.47	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	1	-	1	8 501	-	-	-	163	-	163	0.0	1 009.86	0.0
General	111	-	111	1 559 413	-	-	-	-	1 278 412	1 278 412	2.8	4 611 327.90	6.7
Mixed	50	-	50	791 292	122 764	264	-	14 116	529 190	666 334	1.5	2 081 565.52	3.0
In Ballast	-	90	90	1 205 560	-	-	-	-	-	-	0.0	362 987.72	0.5
Total Overseas	272	90	362	4 891 179	1 327 055	14 964	-	14 279	1 807 602	3 163 900	7.0	8 983 882.19	13.0
INLAND:													
Bulk	525	-	525	7 238 491	10 540 033	-	-	-	-	10 540 033	23.3	13 846 054.13	20.1
Grains	2	-	2	32 031	-	5 513	-	-	-	5 513	0.0	18 546.12	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	7	-	7	17 221	-	-	-	-	10 337	10 337	0.0	44 783.38	0.1
Mixed	1	-	1	4 488	2 019	-	-	-	1 643	3 662	0.0	12 267.19	0.0
In Ballast	-	860	860	12 006 322	-	-	-	-	-	-	0.0	3 686 963.62	5.4
Total Inland	535	860	1 395	19 298 553	10 542 052	5 513	-	-	11 980	10 559 545	23.4	17 608 614.44	25.6
COASTAL:													
Bulk	54	-	54	770 906	851 178	-	-	-	-	851 178	1.9	917 612.24	1.3
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
In Ballast	-	28	28	256 106	-	-	-	-	-	-	0.0	83 835.73	0.1
Total Coastal	54	28	82	1 027 012	851 178	-	-	-	-	851 178	1.9	1 001 447.97	1.5
NON-CARGO:	142	171	313	102 714	-	-	-	-	-	-	0.0	49 055.81	0.1
Total Upbound	1 003	1 149	2 152	25 319 458	12 720 285	20 477	-	14 279	1 819 582	14 574 623	32.3	27 643 000.41	40.1

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1991
DOWNBOUND

TABLE 7C PART B

ST. LAWRENCE SEAWAY

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	91	-	91	1 101 288	1 168 907	-	-	-	-	1 168 907	2.6	2 101 886.96	3.1
Grains	108	-	108	1 626 950	-	1 746 674	-	-	-	1 746 674	3.9	2 583 735.95	3.8
Government Aid	13	-	13	153 596	-	-	148 892	-	-	148 892	0.3	61 202.86	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	112	-	112	1 684 431	-	-	-	-	1 588 512	1 588 512	3.5	5 056 016.58	7.3
Mixed	48	-	48	636 959	70 126	367 408	10 557	6 193	79 608	533 892	1.2	953 484.14	1.4
In Ballast	-	16	16	119 604	-	-	-	-	-	-	0.0	22 206.40	0.0
Total Overseas	372	16	388	5 322 828	1 239 033	2 114 082	159 449	6 193	1 668 120	5 186 877	11.5	10 778 532.89	15.6
INLAND:													
Bulk	601	-	601	8 023 147	11 100 560	-	-	-	-	11 100 560	24.6	11 014 886.16	16.0
Grains	531	-	531	8 439 750	-	12 857 938	-	-	-	12 857 938	28.5	17 004 265.55	24.7
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Mixed	34	-	34	508 496	57 285	689 233	-	-	3 975	750 493	1.7	1 048 795.29	1.5
In Ballast	-	169	169	1 297 943	-	-	-	-	-	-	0.0	305 563.88	0.4
Total Inland	1 166	169	1 335	18 269 336	11 157 845	13 547 171	-	-	3 975	24 708 991	54.7	29 373 510.88	42.6
COASTAL:													
Bulk	29	-	29	306 750	361 477	-	-	-	-	361 477	0.8	470 726.46	0.7
Grains	13	-	13	235 738	-	289 462	-	-	-	289 462	0.6	405 226.19	0.6
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	3	-	3	37 025	-	-	-	-	26 591	26 591	0.1	71 446.64	0.1
Mixed	6	-	6	28 121	-	39 240	-	-	-	39 240	0.1	67 678.23	0.1
In Ballast	-	18	18	217 131	-	-	-	-	-	-	0.0	33 467.61	0.0
Total Coastal	51	18	69	824 765	361 477	328 702	-	-	26 591	716 770	1.6	1 048 545.13	1.5
NON-CARGO:	144	167	311	111 939	-	-	-	-	-	-	0.0	50 578.99	0.1
Total Downbound	1 733	370	2 103	24 528 868	12 758 355	15 989 955	159 449	6 193	1 698 686	30 612 638	67.7	41 251 167.89	59.9
GRAND TOTAL	2 736	1 519	4 255	49 848 326	25 478 640	16 010 432	159 449	20 472	3 518 268	45 187 261	100.0	68 894 168.30	100.0

TRAFFIC BY COUNTRY OF REGISTRY
1991

TABLE 8C

ST LAWRENCE SEAWAY

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
Canada	1 963	1 161	3 124	37 066 936	22 167 337	13 881 386	-	-	15 955	36 064 678	79.8	47 789 707.41	69.4
United States	84	125	209	549 136	309 528	15 473	-	-	13 730	338 731	0.7	415 637.70	0.6
England	8	4	12	239 716	83 507	49 405	-	10	30 182	163 104	0.4	333 548.63	0.5
Baltic Countries	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Belgium	2	-	2	44 395	5 000	24 848	-	-	8 298	38 146	0.1	76 662.91	0.1
Denmark	3	1	4	23 146	-	10 340	-	-	798	11 138	0.0	30 564.42	0.0
Norway	43	14	57	743 145	143 912	17 988	-	-	367 107	529 007	1.2	1 527 097.13	2.2
Sweden	8	-	8	55 726	47 973	-	-	-	19 585	67 558	0.1	167 726.23	0.2
Finland	8	4	12	164 520	70 724	9 163	-	-	-	79 887	0.2	184 386.37	0.3
France	6	2	8	105 384	30 613	54 247	-	-	8 377	93 237	0.2	147 512 34	0.2
West Germany	3	3	6	49 198	12 604	-	7 583	-	14 660	34 847	0.1	76 880.94	0.1
Greece	62	22	84	1 269 292	153 068	285 852	-	-	491 488	930 408	2.1	2 354 603.71	3.4
Italy	3	1	4	24 908	14 672	-	-	-	-	14 672	0.0	38 727.66	0.1
Poland	21	1	22	347 604	-	175 349	-	-	180 590	355 939	0.8	990 990.85	1.3
Russia	39	5	44	403 124	25 608	247	16 304	3 519	83 256	128 934	0.3	495 616.03	0.7
Spain	5	7	12	113 025	52 143	-	-	-	-	52 143	0.1	82 484.71	0.1
Yugoslavia	11	8	19	374 684	100 453	54 664	-	-	56 959	212 076	0.5	434 904.93	0.6
Iceland	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Cuba	7	6	13	154 349	44 672	34 076	-	11	-	78 759	0.2	126 976.87	0.2
Panama	74	19	93	1 134 070	322 071	188 679	42 702	111	349 152	902 715	2.0	2 072 932.22	3.0
West Indies	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
BWI and Bermuda	21	21	42	298 390	57 372	8 171	27 898	163	29 589	123 193	0.3	230 021.28	0.3
Central America	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Brazil	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Venezuela	3	3	6	60 144	33 539	-	-	-	-	33 539	0.1	38 882.63	0.1
Peru	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
China	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
India	4	2	6	103 438	13 885	-	-	-	52 383	66 268	0.1	225 817.69	0.3
Japan	9	3	12	213 774	29 395	73 602	-	39	50 087	153 123	0.3	344 009.86	0.5
Middle East	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Israel	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Turkey	7	2	9	120 430	13 043	30 618	-	-	40 041	83 702	0.2	210 275.60	0.3
Other Asia	2	-	2	33 036	-	16 387	-	-	16 161	32 548	0.1	82 438.52	0.1
Liberia	111	24	135	1 979 386	638 487	329 898	4	6 711	472 706	1 447 806	3.2	3 185 672.87	4.6
Algeria	6	-	6	37 482	-	-	-	-	12 707	12 707	0.0	58 559.49	0.1
French Africa	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Other	223	81	304	4 139 888	1 109 034	750 039	64 958	9 908	1 204 457	3 138 396	6.9	7 271 529.30	10.6
GRAND TOTAL	2 736	1 519	4 255	49 848 326	25 478 640	16 010 432	159 449	20 472	3 518 268	45 187 261	100.0	68 894 168.30	100.0

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1991

TABLE 9C — ST. LAWRENCE SEAWAY

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Con-tainers	General	Total	
Wheat	-	12 500 758	77 086	-	-	12 577 844	27.8
Corn	-	1 571 228	18 373	-	-	1 589 601	3.5
Rye	-	1 403	-	-	-	1 403	0.0
Oats	-	1 050	-	-	-	1 050	0.0
Barley	-	664 207	-	-	-	664 207	1.5
Flour, Wheat	26 531	-	38 068	-	-	64 599	0.1
Flour, Edible, Other	33	-	-	90	9	132	0.0
Soybeans	-	469 412	-	-	-	469 412	1.0
Soybean Oil Cake and Meal	-	-	-	-	-	-	0.0
Beans and Peas	-	164 977	13 651	-	-	178 628	0.4
Malt	-	15 193	-	-	-	15 193	0.0
Flaxseed	-	171 718	-	-	-	171 718	0.4
Sunflower Seeds	-	32 609	-	-	-	32 609	0.1
Other Agricultural Products	628	357 494	45	259	-	358 426	0.8
Total Agricultural Products	27 192	15 950 049	147 223	349	9	16 124 822	35.7
Packing House Products, Edible	-	-	-	-	8	8	0.0
Hides, Skins and Pelts	-	-	-	135	-	135	0.0
Other Animal Products	50 985	-	-	142	-	51 127	0.1
Total Animal Products	50 985	-	-	277	8	51 270	0.1
Bituminous Coal	5 299 983	-	-	-	-	5 299 983	11.7
Coke	503 410	-	-	-	-	503 410	1.1
Iron Ore	10 288 625	-	-	-	-	10 288 625	22.8
Aluminum Ore and Concentrates	203 047	-	-	-	-	203 047	0.4
Clay and Bentonite	151 385	-	-	-	100	151 485	0.3
Gravel and Sand	163 412	-	-	-	-	163 412	0.4
Stone, Ground or Crushed	1 164 269	-	-	-	-	1 164 269	2.6
Stone, Rough	15 115	-	-	58	-	15 173	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 716 182	-	-	-	-	1 716 182	3.8
Phosphate Rock	-	-	-	-	-	-	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	1 116 675	-	-	618	3	1 117 296	2.5
Total Mine Products	20 622 103	-	-	676	103	20 622 882	45.6
Pulpwood	-	-	-	-	-	-	0.0
Other Forest Products	26 456	-	-	58	1 105	27 619	0.1
Total Forest Products	26 456	-	-	58	1 105	27 619	0.1
Gasoline	443 368	-	-	-	-	443 368	1.0
Fuel Oil	952 919	-	-	-	-	952 919	2.1
Lubricating Oils and Grease	30 118	-	-	-	-	30 118	0.1
Petroleum Products, Other	6 876	-	-	-	18	6 894	0.0
Rubber, Crude, Natural, Synthetic	-	-	-	77	2	79	0.0
Chemicals	676 575	-	-	653	2 054	679 282	1.5
Sodium Products	78 331	-	-	148	-	78 479	0.2
Tar, Pitch and Creosote	93 410	-	-	-	-	93 410	0.2
Pig Iron	37 505	-	-	-	-	37 505	0.1
Iron and Steel, Bars, Rods, Slabs	-	-	-	94	394 055	394 149	0.9
Iron and Steel, Nails and Wire	-	-	-	376	416	792	0.0
Iron and Steel, Manufactured	-	-	-	1 071	3 046 076	3 047 147	6.7
Machinery and Machines	2 581	-	-	2 221	24 631	29 433	0.1
Cement	695 655	-	-	-	-	695 655	1.5
Woodpulp	77 883	-	-	-	-	77 883	0.2
Newsprint	-	-	-	-	4 208	4 208	0.0
Syrup and Molasses	8 362	-	-	-	-	8 362	0.0
Sugar	301 713	-	-	-	-	301 713	0.7
Food Products	-	-	-	1 053	-	1 053	0.0
Scrap Iron and Steel	375 525	-	-	-	-	375 525	0.8
Other Manufactures and Misc. (1)	971 083	60 383	12 226	13 419	45 583	1 102 694	2.4
Total Manufactures and Misc.	4 751 904	60 383	12 226	19 112	3 517 043	8 360 668	18.5
GRAND TOTAL	25 478 640	16 010 432	159 449	20 472	3 518 268	45 187 261	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1991

TABLE 10C PART A

ST. LAWRENCE SEAWAY

NO.	COMMODITY From: / To:	UPBOUND TONNES						TOTAL UP-BOUND	% OF TOTAL UP-BOUND
		CANADA		UNITED STATES		FOREIGN			
		Canada	United States	Canada	United States	Canada	United States		
1	Wheat	5 513	-	-	-	-	-	5 513	0.0
2	Corn	-	-	-	-	-	-	-	0.0
3	Rye	-	-	-	-	-	-	-	0.0
4	Oats	-	-	-	-	-	-	-	0.0
5	Barley	-	-	-	-	-	-	-	0.0
6	Flour, Wheat	-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other	-	-	-	-	-	-	-	0.0
8	Soybeans	-	-	-	-	-	-	-	0.0
9	Soybean Oil Cake and Meal	-	-	-	-	249	-	249	0.0
10	Beans and Peas	-	-	-	-	-	-	-	0.0
11	Malt	-	-	-	-	-	-	-	0.0
12	Flaxseed	-	-	-	-	-	-	-	0.0
13	Sunflower Seeds	-	-	-	-	15 361	-	15 361	0.1
14	Other Agricultural Products	-	-	-	-	-	-	-	0.0
15	Total Agricultural Products	5 513	-	-	-	15 610	-	21 123	0.1
16	Packing House Products, Edible	-	-	-	-	-	-	-	0.0
17	Hides, Skins and Pelts	-	-	-	-	-	86	86	0.0
18	Other Animal Products	-	-	-	-	91	-	91	0.0
19	Total Animal Products	-	-	-	-	91	86	177	0.0
20	Bituminous Coal	-	-	-	-	-	-	-	0.0
21	Coke	-	-	-	-	-	-	-	0.0
22	Iron Ore	4 909 961	3 444 887	-	-	-	48 477	8 403 325	57.7
23	Aluminum Ore and Concentrates	21 498	-	-	-	173 596	-	195 094	1.3
24	Clay and Bentonite	-	-	-	-	-	4 203	4 203	0.0
25	Gravel and Sand	-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed	22 983	429 722	-	-	-	-	452 705	3.1
27	Stone, Rough	-	-	-	15 115	-	-	15 115	0.1
28	Petroleum, Crude	-	-	-	-	-	-	-	0.0
29	Salt	360 351	-	-	-	-	-	360 351	2.5
30	Phosphate Rock	-	-	-	-	-	-	-	0.0
31	Sulphur	-	-	-	-	-	-	-	0.0
32	Other Mine Products	260 867	38 477	-	-	137 385	169 405	606 134	4.2
33	Total Mine Products	5 575 660	3 913 086	-	15 115	310 981	222 085	10 036 927	68.9
34	Pulpwood	-	-	-	-	-	-	-	0.0
35	Other Forest Products	-	-	-	-	-	-	-	0.0
36	Total Forest Products	-	-	-	-	-	-	-	0.0
37	Gasoline	196 485	-	83 152	-	37 382	-	317 019	2.2
38	Fuel Oil	169 240	73 402	-	-	14 048	-	256 690	1.8
39	Lubricating Oils and Grease	-	-	-	-	27 297	-	27 297	0.2
40	Petroleum Products, Other	-	17	-	-	-	1	18	0.0
41	Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	-	0.0
42	Chemicals	-	3 228	105 987	-	65 203	35 565	209 983	1.4
43	Sodium Products	12 966	-	28 462	-	10 968	39	52 435	0.4
44	Tar, Pitch and Creosote	414	8 860	10 989	-	10 898	34 206	65 367	0.4
45	Pig Iron	1 928	35 577	-	-	-	-	37 505	0.3
46	Iron and Steel, Bars, Rods, Slabs	-	11 369	-	-	68 818	148 763	228 950	1.6
47	Iron and Steel, Nails and Wire	-	-	-	-	149	500	649	0.0
48	Iron and Steel, Manufactured	-	-	-	-	102 296	1 430 093	1 532 389	10.5
49	Machinery and Machines	-	192	-	381	8 570	12 287	21 430	0.1
50	Cement	35 680	313 165	-	-	49 620	-	398 465	2.7
51	Woodpulp	-	16 099	-	-	18 670	12 650	47 419	0.3
52	Newsprint	-	-	-	-	-	-	-	0.0
53	Syrup and Molasses	4 944	-	-	-	618	-	5 562	0.0
54	Sugar	-	-	-	-	301 713	-	301 713	2.1
55	Food Products	-	-	-	-	56	182	238	0.0
56	Scrap Iron and Steel	211 198	26 727	-	-	-	507	238 432	1.6
57	Other Manufactures and Misc. (1)	45 583	475 120	33 398	-	74 266	146 468	774 835	5.3
58	Total Manufactures and Misc.	678 438	963 756	261 988	381	790 572	1 821 261	4 516 396	31.0
59	GRAND TOTAL	6 259 611	4 876 842	261 988	15 496	1 117 254	2 043 432	14 574 623	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1991

TABLE 10C PART B — ST. LAWRENCE SEAWAY

From:	DOWNBOUND TONNES						TOTAL DOWN-BOUND	% OF TOTAL DOWN-BOUND	GRAND TOTALS		
	CANADA			UNITED STATES					TOTAL CARGO TONNES	% OF TOTAL	NO.
To:	Canada	United States	Foreign	Canada	United States	Foreign					
	11 032 108	-	208 646	760 153	-	571 424	12 572 331	41.1	12 577 844	27.8	1
	502 038	-	82 226	764 501	-	240 836	1 589 601	5.2	1 589 601	3.5	2
	-	-	1 403	-	-	-	1 403	0.0	1 403	0.0	3
	1 050	-	-	-	-	-	1 050	0.0	1 050	0.0	4
	70 672	-	60 000	498 361	-	35 174	664 207	2.2	664 207	1.5	5
	-	-	30 930	26 531	-	7 138	64 599	0.2	64 599	0.1	6
	-	-	132	-	-	-	132	0.0	132	0.0	7
	-	-	103 938	8 400	-	357 074	469 412	1.5	469 412	1.0	8
	-	-	-	-	-	-	-	0.0	-	0.0	9
	-	-	112 923	-	-	65 456	178 379	0.6	178 628	0.4	10
	15 193	-	-	-	-	-	15 193	0.0	15 193	0.0	11
	-	-	171 718	-	-	-	171 718	0.6	171 718	0.4	12
	-	-	-	-	-	32 609	32 609	0.1	32 609	0.1	13
	223 397	-	70 402	-	-	49 266	343 065	1.1	358 426	0.8	14
	11 844 458	-	842 318	2 057 946	-	1 358 977	16 103 699	52.6	16 124 822	35.7	15
	-	-	8	-	-	-	8	0.0	8	0.0	16
	-	-	-	-	-	49	49	0.0	135	0.0	17
	-	-	33 526	-	-	17 510	51 036	0.2	51 127	0.1	18
	-	-	33 534	-	-	17 559	51 093	0.2	51 270	0.1	19
	49 903	-	-	5 220 488	-	29 592	5 299 983	17.3	5 299 983	11.7	20
	-	-	68 286	198 153	-	236 971	503 410	1.6	503 410	1.1	21
	-	-	-	1 885 300	-	-	1 885 300	6.2	10 288 625	22.8	22
	-	-	-	7 953	-	-	7 953	0.0	203 047	0.4	23
	-	-	-	80 282	-	67 000	147 282	0.5	151 485	0.3	24
	-	-	-	163 412	-	-	163 412	0.5	163 412	0.4	25
	516 423	-	-	195 141	-	-	711 564	2.3	1 164 269	2.6	26
	-	-	58	-	-	-	58	0.0	15 173	0.0	27
	-	-	-	-	-	-	-	0.0	-	0.0	28
	1 153 145	42 438	-	160 248	-	-	1 355 831	4.4	1 716 182	3.8	29
	-	-	-	-	-	-	-	0.0	-	0.0	30
	-	-	-	-	-	-	-	0.0	-	0.0	31
	110 998	37 568	211 361	135 846	-	15 389	511 162	1.7	1 117 296	2.5	32
	1 830 469	80 006	279 705	8 046 823	-	348 952	10 585 955	34.6	20 622 882	45.6	33
	-	-	-	-	-	-	-	0.0	-	0.0	34
	-	-	26 332	-	-	1 287	27 619	0.1	27 619	0.1	35
	-	-	26 332	-	-	1 287	27 619	0.1	27 619	0.1	36
	56 823	-	4 473	65 053	-	-	126 349	0.4	443 368	1.0	37
	593 934	94 501	989	6 805	-	-	696 229	2.3	952 919	2.1	38
	-	-	2 821	-	-	-	2 821	0.0	30 118	0.1	39
	-	-	6 876	-	-	-	6 876	0.0	6 894	0.0	40
	-	-	79	-	-	-	79	0.0	79	0.0	41
	171 991	107 931	186 111	-	-	3 266	469 299	1.5	679 282	1.5	42
	26 026	-	18	-	-	-	26 044	0.1	78 479	0.2	43
	5 714	-	-	22 329	-	-	28 043	0.1	93 410	0.2	44
	-	-	-	-	-	-	-	0.0	37 505	0.1	45
	-	-	164 686	-	-	513	165 199	0.5	394 149	0.9	46
	-	-	143	-	-	-	143	0.0	792	0.0	47
	-	36 526	954 258	7 929	-	516 045	1 514 758	4.9	3 047 147	6.7	48
	-	663	4 192	88	2 200	860	8 003	0.0	29 433	0.1	49
	147 234	143 496	-	-	6 460	-	297 190	1.0	695 655	1.5	50
	-	-	28 316	-	-	2 148	30 464	0.1	77 883	0.2	51
	-	-	4 208	-	-	-	4 208	0.0	4 208	0.0	52
	-	-	-	2 800	-	-	2 800	0.0	8 362	0.0	53
	-	-	-	-	-	-	-	0.0	301 713	0.7	54
	-	-	89	-	-	726	815	0.0	1 053	0.0	55
	24 358	-	36 889	-	-	75 846	137 093	0.4	375 525	0.8	56
	54 695	18	56 017	3 355	-	213 774	327 859	1.1	1 102 694	2.4	57
	1 080 775	383 135	1 450 165	108 359	8 660	813 178	3 844 272	12.6	8 360 668	18.5	58
	14 755 702	463 141	2 632 054	10 213 128	8 660	2 539 953	30 612 638	100.0	45 187 261	100.0	59

TRAFFIC BY SELECTED CANADIAN PORTS
1991

TABLE 11C — ST. LAWRENCE SEAWAY

PORT OR AREA (2)	SHIP-MENTS	CARGO TONNES (1) Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
INBOUND:								
Baie Comeau	146	44 584	3 441 578	-	-	-	3 486 162	5.7
Contrecoeur	3	51 963	-	-	-	-	51 963	0.1
Cornwall	16	104 453	-	-	-	-	104 453	0.2
Goderich	-	-	-	-	-	-	-	0.0
Halifax	12	-	271 397	-	-	-	271 397	0.4
Hamilton	481	10 057 259	191 692	-	994	116 457	10 366 402	16.8
Humberstone	1	12 150	-	-	-	-	12 150	0.0
Kingston	2	20 020	-	-	-	-	20 020	0.0
Montreal	157	904 103	1 423 236	-	-	88	2 327 427	3.8
Picton	8	178 636	-	-	-	-	178 636	0.3
Pointe Noire	13	326 434	-	-	-	-	326 434	0.5
Port Cartier	176	417 390	3 951 112	-	-	-	4 368 502	7.1
Prescott	8	-	198 544	-	-	-	198 544	0.3
Quebec City	153	191 050	3 239 582	-	-	-	3 430 632	5.6
St. Catharines	-	-	-	-	-	-	-	0.0
Sarnia	10	90 327	-	-	-	-	90 327	0.1
Sault Ste. Marie	-	-	-	-	-	-	-	0.0
Sept-Iles	23	430 148	-	-	-	3 975	434 123	0.7
Sorel	27	-	575 974	-	-	-	575 974	0.9
Thorold	23	246 291	-	-	-	148	246 439	0.4
Trois Rivières	19	3 824	326 842	-	-	-	330 666	0.5
Thunder Bay	6	17 211	-	-	-	5 684	22 895	0.0
Toronto	102	951 389	25 586	-	6 207	39 216	1 022 398	1.7
Valleyfield	12	112 057	-	-	-	5 120	117 177	0.2
Windsor	11	83 428	14 700	-	-	1 608	99 736	0.2
Windsor Area	-	-	-	-	-	-	-	0.0
Other Canada	300	4 271 259	236 107	-	101	17 759	4 525 226	7.3
Total Inbound	1 709	18 513 976	13 896 350	-	7 302	190 055	32 607 683	52.9
OUTBOUND:								
Baie Comeau	-	-	-	-	-	-	-	0.0
Contrecoeur	2	14 703	-	-	-	-	14 703	0.0
Cornwall	9	4 680	-	-	-	-	4 680	0.0
Goderich	35	577 046	190 447	-	-	-	767 493	1.2
Halifax	7	140 327	-	-	-	-	140 327	0.2
Hamilton	85	469 034	-	-	-	553 332	1 022 366	1.7
Humberstone	-	-	-	-	-	-	-	0.0
Kingston	-	-	-	-	-	-	-	0.0
Montreal	38	240 801	-	-	-	102	240 903	0.4
Picton	43	440 240	-	-	-	-	440 240	0.7
Pointe Noire	147	3 717 068	-	-	-	-	3 717 068	6.0
Port Cartier	104	2 633 319	5 513	-	-	-	2 638 832	4.3
Prescott	9	-	145 057	12 852	-	-	157 909	0.3
Quebec City	33	635 405	-	-	-	-	635 405	1.0
St. Catharines	-	-	-	-	-	-	-	0.0
Sarnia	94	544 409	426 338	63 800	-	-	1 034 547	1.7
Sault Ste. Marie	36	79 978	-	-	-	428 593	508 571	0.8
Sept-Iles	56	1 441 571	-	-	-	-	1 441 571	2.3
Sorel	10	37 505	-	-	-	11 369	48 874	0.1
Thorold	-	-	-	-	-	-	-	0.0
Trois Rivières	3	16 513	-	-	-	-	16 513	0.0
Thunder Bay	532	370 688	11 580 055	30 930	-	2 812	11 984 485	19.5
Toronto	22	48 112	643	20 611	2 896	9 064	81 326	0.1
Valleyfield	12	75 122	-	4 358	-	-	79 480	0.1
Windsor	5	-	81 432	-	-	-	81 432	0.1
Windsor Area	55	848 652	-	-	-	-	848 652	1.4
Other Canada	251	2 744 556	165 329	-	-	172 088	3 081 973	5.0
Total Outbound	1 588	15 079 729	12 594 814	132 551	2 896	1 177 360	28 987 350	47.1
GRAND TOTAL	3 297	33 593 705	26 491 164	132 551	10 198	1 367 415	61 595 033	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.
(2) Area includes all ports or installations within a 20 kilometre (12.5 mile) radius of the main harbour.

TRAFFIC BY SELECTED UNITED STATES PORTS
1991

TABLE 12C — ST. LAWRENCE SEAWAY

PORT OR AREA (2)	SHIP-MENTS	CARGO TONNES (1)						
		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
INBOUND:								
Ashtabula	28	328 453	-	-	-	-	328 453	1.6
Buffalo	9	42 701	-	-	-	168	42 869	0.2
Chicago	101	48 654	-	-	2 838	525 234	576 726	2.8
Cleveland	197	2 008 623	-	-	553	370 752	2 379 928	11.6
Conneaut	-	-	-	-	-	-	-	0.0
Detroit	116	554 102	-	-	2 981	469 479	1 026 562	5.0
Detroit Area	-	-	-	-	-	-	-	0.0
Duluth-Superior	17	87 146	-	-	-	23 772	110 918	0.5
Erie	15	111 416	-	-	-	909	112 325	0.5
Fairport	-	-	-	-	-	-	-	0.0
Gary	-	-	-	-	-	-	-	0.0
Grand Haven	-	-	-	-	-	-	-	0.0
Green Bay	3	9 683	-	-	-	-	9 683	0.0
Huron	-	-	-	-	-	-	-	0.0
Indiana-Burns Harbor	72	1 303 176	-	-	231	11 563	1 314 970	6.4
Kenosha	-	-	-	-	-	-	-	0.0
Lackawanna	-	-	-	-	-	-	-	0.0
Lorain	10	152 703	-	-	-	11 369	164 072	0.8
Marquette	-	-	-	-	-	-	-	0.0
Massena	1	-	-	-	-	88	88	0.0
Milwaukee	54	23 926	-	-	329	91 299	115 554	0.6
Ogdensburg	4	42 468	-	-	-	199	42 667	0.2
Oswego	38	243 699	-	-	-	661	244 360	1.2
Saginaw	-	-	-	-	-	-	-	0.0
Sandusky	-	-	-	-	-	-	-	0.0
Toledo	44	47 454	-	-	45	132 263	179 762	0.9
Tonawanda	-	-	-	-	-	-	-	0.0
Trenton (Mich.)	-	-	-	-	-	-	-	0.0
Other U.S.A. Ports	49	721 427	-	-	-	37 207	758 634	3.7
Total Inbound	758	5 725 631	-	-	6 977	1 674 963	7 407 571	36.2
OUTBOUND:								
Ashtabula	45	1 138 234	-	-	-	-	1 138 234	5.6
Buffalo	1	25 178	-	-	-	-	25 178	0.1
Chicago	26	248 527	44 168	-	-	21 832	314 527	1.5
Cleveland	22	200 711	19	-	90	37 053	237 873	1.2
Conneaut	37	959 301	-	-	-	-	959 301	4.7
Detroit	79	312 529	228	-	983	227 639	541 379	2.6
Detroit Area	-	-	-	-	-	-	-	0.0
Duluth-Superior	180	1 586 086	2 208 551	8 679	-	-	3 803 316	18.6
Erie	7	28 975	-	-	-	216	29 191	0.1
Fairport	-	-	-	-	-	-	-	0.0
Gary	1	25 616	-	-	-	-	25 616	0.1
Grand Haven	10	183 409	-	-	-	-	183 409	0.9
Green Bay	5	12 845	-	-	-	-	12 845	0.1
Huron	-	-	-	-	-	-	-	0.0
Indiana-Burns Harbor	33	101 088	-	-	193	236 519	337 800	1.7
Kenosha	-	-	-	-	-	-	-	0.0
Lackawanna	-	-	-	-	-	-	-	0.0
Lorain	1	2 983	-	-	-	-	2 983	0.0
Marquette	21	472 035	-	-	-	3 975	476 010	2.3
Massena	-	-	-	-	-	-	-	0.0
Milwaukee	32	7 698	267 882	18 219	1 993	6 084	301 876	1.5
Ogdensburg	6	23 289	13 093	-	-	-	36 382	0.2
Oswego	-	-	-	-	-	-	-	0.0
Saginaw	-	-	-	-	-	-	-	0.0
Sandusky	74	1 867 354	-	-	-	-	1 867 354	9.1
Toledo	104	1 291 489	827 104	-	38	2	2 118 633	10.4
Tonawanda	-	-	-	-	-	-	-	0.0
Trenton (Mich.)	-	-	-	-	-	-	-	0.0
Other U.S.A. Ports	51	587 709	39 609	-	-	-	627 318	3.1
Total Outbound	735	9 075 056	3 400 654	26 898	3 297	533 320	13 039 225	63.8
GRAND TOTAL	1 493	14 800 687	3 400 654	26 898	10 274	2 208 283	20 446 796	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.
(2) Area includes all ports or installations within a 20 kilometer (12.5 mile) radius of the main harbour.

TRAFFIC BY SELECTED FOREIGN COUNTRIES
1991

TABLE 13C — ST. LAWRENCE SEAWAY

COUNTRY	SHIP-MENTS	CARGO TONNES (1)						
		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
FROM:								
Algeria	-	-	-	-	-	-	-	0.0
Australia New Zealand	19	263 898	-	-	-	-	263 898	3.4
Belgium	51	4 712	118	-	10 637	573 910	589 377	7.6
Brazil	11	8 153	-	-	1 047	77 074	86 274	1.1
China	5	75 513	-	-	-	-	75 513	1.0
Colombia	-	-	-	-	-	-	-	0.0
Cuba	12	156 170	-	-	11	-	156 181	2.0
England	28	42 752	-	-	205	160 814	203 771	2.6
Finland	12	-	-	-	-	92 533	92 533	1.2
France	18	63 826	-	-	-	129 624	193 450	2.5
French Africa	-	-	-	-	-	-	-	0.0
India	-	-	-	-	-	-	-	0.0
Ireland	-	-	-	-	-	-	-	0.0
Italy	7	-	-	-	-	62 461	62 461	0.8
Japan	23	-	-	-	-	216 440	216 440	2.8
Mexico	3	48 208	-	-	-	-	48 208	0.6
Netherlands	29	83 318	-	-	-	231 006	314 324	4.1
Norway Sweden	15	52 266	-	-	-	41 717	93 983	1.2
Portugal	-	-	-	-	-	-	-	0.0
Scotland	2	-	-	-	-	19 838	19 838	0.3
Soviet Union or U.S.S.R.	9	16 500	-	-	174	4 350	21 024	0.3
South Africa	14	107 453	146	-	1 536	27	109 162	1.4
Spain	5	4 167	-	-	61	47 230	51 458	0.7
Turkey	4	20 000	-	-	156	148	20 304	0.3
Venezuela	6	84 694	-	-	-	-	84 694	1.1
West Germany	22	8 378	-	-	445	117 765	126 588	1.6
West Indies	5	66 111	-	-	-	-	66 111	0.9
Other Africa	11	106 131	-	-	-	-	106 131	1.4
Other Asia	6	35 418	-	-	3	18	35 439	0.5
Other Europe	9	68 680	14 700	-	-	12 739	96 119	1.2
Other South America	4	300	-	-	-	19 894	20 194	0.3
Total From	330	1 316 648	14 964	-	14 275	1 807 588	3 153 475	40.6
TO:								
Algeria	26	-	378 408	-	-	16 428	394 836	5.1
Australia New Zealand	-	-	-	-	-	-	-	0.0
Belgium	35	153 516	343 381	-	624	11 293	508 814	6.6
Brazil	5	65 501	17 750	-	-	-	83 251	1.1
China	5	-	-	-	-	72 565	72 565	0.9
Colombia	-	-	-	-	-	-	-	0.0
Cuba	5	-	53 394	-	-	-	53 394	0.7
England	25	140 821	60 218	-	314	2 293	203 646	2.6
Finland	4	1 776	26 071	-	-	-	27 847	0.4
France	9	118 024	25 801	-	-	-	143 825	1.9
French Africa	2	-	18 730	-	-	-	18 730	0.2
India	-	-	-	-	-	-	-	0.0
Ireland	5	10 154	40 160	-	-	-	50 314	0.6
Italy	18	78 397	127 397	-	-	77 921	283 715	3.7
Japan	18	-	22 949	-	-	269 589	292 538	3.8
Mexico	-	-	-	-	-	-	-	0.0
Netherlands	45	290 950	226 456	-	-	49	517 455	6.7
Norway Sweden	6	10 984	46 764	-	-	576	58 324	0.8
Portugal	11	-	183 040	-	-	-	183 040	2.4
Scotland	-	-	-	-	-	-	-	0.0
Soviet Union or U.S.S.R.	20	-	164 818	-	1 457	16 439	182 714	2.4
South Africa	15	67 322	643	24 078	2 896	419	95 358	1.2
Spain	22	189 526	53 080	-	-	20 826	263 432	3.4
Turkey	3	31 466	-	-	-	599	32 065	0.4
Venezuela	2	-	13 407	-	-	2 480	15 887	0.2
West Germany	16	9 605	75 676	-	363	1 722	87 366	1.1
West Indies	3	-	-	7 189	-	2 806	9 995	0.1
Other Africa	24	9 181	54 626	44 843	338	56 579	165 567	2.1
Other Asia	53	14 009	35 779	48 525	-	702 213	800 526	10.3
Other Europe	12	4 598	35 935	-	201	18 851	59 585	0.8
Other South America	1	-	-	-	-	251	251	0.0
Total To	390	1 195 830	2 004 483	124 635	6 193	1 273 899	4 605 040	59.4
GRAND TOTAL	720	2 512 478	2 019 447	124 635	20 468	3 081 487	7 758 515	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.

TRAFFIC RESULTS
1959 - 1991

HISTORICAL TABLE 14C

ST. LAWRENCE SEAWAY

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total
										$	$	$
1959					NOT AVAILABLE					6 056 451	5 211 862	11 268 313
1960	3 954	5 124	9 078	10 032 415	20 546 432	30 578 847	12 609 246	12 522 004	25 131 250	5 059 508	6 367 908	11 427 416
1961	5 141	5 082	10 223	9 250 052	23 596 791	32 846 843	14 493 351	14 415 227	28 908 578	5 016 691	7 850 820	12 867 511
1962	4 816	4 815	9 631	12 016 429	23 949 383	35 965 812	24 209 186	24 715 809	48 924 995	5 937 838	7 277 130	13 214 968
1963	4 784	4 737	9 521	14 352 054	26 988 541	41 340 595	27 218 981	27 153 831	54 372 812	7 005 530	8 116 752	15 122 282
1964	4 998	5 038	10 036	19 415 811	31 186 173	50 601 984	20 266 121	20 322 026	40 588 147	9 394 046	9 691 201	19 085 247
1965	5 221	5 337	10 558	22 494 513	31 913 878	54 408 391	32 347 016	32 784 520	65 131 536	12 010 414	9 798 598	21 809 012
1966	5 278	5 337	10 615	26 138 165	34 589 175	60 727 340	35 781 853	35 829 831	71 611 684	13 613 843	10 720 519	24 334 362
1967	4 758	4 845	9 603	26 604 097	28 664 730	55 268 827	32 119 030	32 654 700	64 773 730	14 475 869	8 787 194	23 263 063
1968	4 555	4 630	9 185	30 221 395	30 017 093	60 238 488	33 761 597	34 201 445	67 963 042	17 343 253	9 294 777	26 638 030
1969	4 536	4 558	9 094	22 964 904	32 206 433	55 171 337	32 890 660	33 116 127	66 006 787	13 553 348	10 397 205	23 950 553
1970	4 542	4 573	9 115	25 278 173	39 235 062	64 513 235	34 832 257	34 826 922	69 659 179	15 015 403	13 977 229	28 992 632
1971	4 200	4 228	8 428	25 590 585	38 622 853	64 213 438	35 457 588	35 365 584	70 823 172	17 090 842	14 647 397	31 738 239
1972	4 151	4 137	8 288	25 373 449	40 373 052	65 746 501	36 775 475	36 353 779	73 129 254	16 462 073	15 081 621	31 543 694
1973	4 160	4 124	8 284	27 453 586	40 738 624	68 192 210	36 384 026	36 557 318	72 941 344	16 409 602	15 717 244	32 126 846
1974	3 182	3 167	6 349	23 499 926	31 055 048	54 554 974	28 626 614	28 583 515	57 210 129	13 188 253	11 308 252	24 496 505
1975	3 559	3 540	7 099	22 035 116	38 651 902	60 687 018	33 424 672	33 417 387	66 842 059	12 629 952	13 682 280	26 312 232
1976	3 454	3 478	6 932	28 538 521	36 636 534	65 175 055	34 202 173	34 058 494	68 260 667	15 904 651	13 697 981	29 602 632
1977	3 675	3 660	7 335	34 659 856	38 635 078	73 294 934	36 928 613	36 984 091	73 912 704	19 964 066	14 836 163	34 800 229
1978	3 767	3 712	7 479	27 548 469	45 434 170	72 982 639	40 262 661	39 629 645	79 892 306	24 276 601	27 225 729	51 502 330
1979	3 705	3 639	7 344	27 491 575	46 814 472	74 306 047	40 409 852	39 866 922	80 276 774	27 508 079	29 599 291	57 107 370
1980	3 668	3 628	7 296	17 198 910	49 762 221	66 961 131	40 095 126	40 008 744	80 103 870	19 512 745	36 495 478	56 008 223
1981	3 320	3 290	6 610	20 988 836	43 692 918	64 681 754	36 274 961	35 958 648	72 233 609	25 182 050	32 322 404	57 504 454
1982	2 896	2 914	5 810	11 930 217	42 564 225	54 494 442	33 905 366	34 068 116	67 973 482	19 631 493	38 230 421	57 861 914
1983	2 629	2 611	5 240	16 799 443	39 181 910	55 981 353	32 256 617	31 755 291	64 011 908	28 628 057	37 197 448	65 825 505
1984	2 681	2 641	5 322	19 984 880	40 944 288	60 929 168	34 056 771	33 342 809	67 399 580	33 908 295	37 521 103	71 429 398
1985	2 243	2 185	4 428	16 307 416	32 246 874	48 554 290	27 953 450	27 039 682	54 993 132	26 732 542	30 101 848	56 834 390
1986	2 344	2 258	4 602	16 306 485	32 264 732	48 571 217	28 865 047	28 050 099	56 915 146	27 804 529	33 382 145	61 186 674
1987	2 351	2 238	4 589	18 647 923	32 005 339	50 653 262	28 772 497	27 518 198	56 290 695	31 089 377	34 068 435	65 157 812
1988	2 320	2 260	4 580	20 543 989	31 933 347	52 477 336	28 251 634	27 442 545	55 694 179	34 584 961	35 471 663	70 056 624
1989	2 100	2 083	4 183	19 415 461	28 946 228	48 361 689	25 218 762	25 219 816	50 438 578	32 377 215	35 807 101	68 184 316
1990	2 164	2 126	4 290	19 758 502	28 648 369	48 406 871	25 068 643	24 536 448	49 605 091	33 476 453	35 244 888	68 721 341
1991	2 152	2 103	4 255	14 574 623	30 612 638	45 187 261	25 319 458	24 528 868	49 848 326	27 643 000	41 251 168	68 894 168
TOTAL	117 304	118 098	235 402	673 415 776	1 112 658 513	1 786 074 289	989 039 304	982 828 441	1 971 867 745	628 487 030	690 381 255	1 318 868 285

CARGO BY TARIFF CLASSIFICATION

1959 - 1991

HISTORICAL TABLE 15C

ST. LAWRENCE SEAWAY

YEAR	BULK		GRAINS		GOVT. AID		CONTAINERS		GENERAL		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	---------- NOT AVAILABLE ----------											
1960	28 464 021	93.1	-	0.0	-	0.0	-	0.0	2 114 825	6.9	30 578 846	100.0
1961	30 770 489	93.7	-	0.0	-	0.0	-	0.0	2 076 353	6.3	32 846 842	100.0
1962	33 514 335	93.2	-	0.0	-	0.0	-	0.0	2 451 477	6.8	35 965 812	100.0
1963	38 550 187	93.3	-	0.0	-	0.0	-	0.0	2 790 408	6.7	41 340 595	100.0
1964	47 135 221	93.1	-	0.0	-	0.0	-	0.0	3 466 764	6.9	50 601 985	100.0
1965	49 240 217	90.5	-	0.0	-	0.0	-	0.0	5 168 174	9.5	54 408 391	100.0
1966	55 623 695	91.6	-	0.0	-	0.0	-	0.0	5 103 645	8.4	60 727 340	100.0
1967	49 763 848	90.0	-	0.0	-	0.0	-	0.0	5 504 979	10.0	55 268 827	100.0
1968	52 866 506	87.8	-	0.0	-	0.0	-	0.0	7 371 982	12.2	60 238 488	100.0
1969	48 647 868	88.2	-	0.0	-	0.0	-	0.0	6 523 470	11.8	55 171 338	100.0
1970	58 458 223	90.6	-	0.0	-	0.0	-	0.0	6 055 012	9.4	64 513 235	100.0
1971	56 237 700	87.6	-	0.0	-	0.0	-	0.0	7 975 737	12.4	64 213 437	100.0
1972	58 469 763	88.9	-	0.0	-	0.0	-	0.0	7 276 738	11.1	65 746 501	100.0
1973	62 900 782	92.2	-	0.0	-	0.0	-	0.0	5 291 428	7.8	68 192 210	100.0
1974	50 450 923	92.5	-	0.0	-	0.0	-	0.0	4 104 051	7.5	54 554 974	100.0
1975	57 388 271	94.6	-	0.0	-	0.0	-	0.0	3 298 747	5.4	60 687 018	100.0
1976	61 044 888	93.7	-	0.0	-	0.0	-	0.0	4 130 167	6.3	65 175 055	100.0
1977	67 119 377	91.6	-	0.0	-	0.0	-	0.0	6 175 556	8.4	73 294 933	100.0
1978	39 102 717	53.6	29 133 638	39.9	129 095	0.2	271 485	0.4	4 331 922	5.9	72 968 857	100.0
1979	43 884 766	59.0	26 357 575	35.5	158 942	0.2	229 229	0.3	3 703 388	5.0	74 333 900	100.0
1980	35 592 415	53.1	28 576 609	42.6	168 209	0.3	166 055	0.2	2 513 429	3.8	67 016 717	100.0
1981	34 868 589	53.9	26 119 711	40.3	242 632	0.4	64 746	0.1	3 420 579	5.3	64 716 257	100.0
1982	25 142 525	46.1	25 797 364	47.3	292 456	0.5	78 478	0.2	3 183 619	5.9	54 494 442	100.0
1983	26 969 832	48.2	25 372 045	45.3	294 379	0.5	60 073	0.1	3 285 024	5.9	55 981 353	100.0
1984	31 203 330	51.2	24 556 241	40.3	231 107	0.4	140 684	0.2	4 797 806	7.9	60 929 168	100.0
1985	26 827 670	55.3	17 418 609	35.9	261 917	0.5	113 671	0.2	3 932 423	8.1	48 554 290	100.0
1986	27 156 533	55.9	17 175 451	35.4	227 670	0.5	59 943	0.1	3 951 620	8.1	48 571 217	100.0
1987	27 187 830	53.7	19 208 840	37.9	211 044	0.4	42 945	0.1	4 002 603	7.9	50 653 262	100.0
1988	31 646 241	60.3	16 138 512	30.7	87 456	0.2	38 853	0.1	4 566 274	8.7	52 477 336	100.0
1989	31 552 895	65.2	12 196 741	25.2	168 750	0.4	31 728	0.1	4 411 575	9.1	48 361 689	100.0
1990	31 700 610	65.5	12 841 740	26.5	87 737	0.2	23 918	0.0	3 752 866	7.8	48 406 871	100.0
1991	25 478 640	56.4	16 010 432	35.4	159 449	0.4	20 472	0.0	3 518 268	7.8	45 187 261	100.0
TOTAL	1 344 960 907	75.3	296 903 508	16.6	2 720 843	0.2	1 342 280	0.1	140 250 909	7.8	1 786 178 447	100.0

TOTAL TOLLS REVENUE
1959 - 1991

HISTORICAL TABLE 16C

ST. LAWRENCE SEAWAY

YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	Bulk	Grains	Govt. Aid	Con-tainers	General	Total				
	$	$	$	$	$	$	$	$	$	$
1959	7 828 636	NOT	NOT	NOT	1 818 189	9 646 825	1 606 068	NOT	15 420	11 268 313
1960	7 640 627	APPLICABLE	APPLICABLE	APPLICABLE	2 089 106	9 729 733	1 673 338	APPLICABLE	24 345	11 427 416
1961	8 981 597	-	-	-	1 929 901	10 911 498	1 920 678	-	35 335	12 867 511
1962	9 071 653	-	-	-	2 265 845	11 337 498	1 219 957	-	657 513	13 214 968
1963	11 074 332	-	-	-	2 646 716	13 721 048	1 383 788	-	17 446	15 122 282
1964	14 153 997	-	-	-	3 308 928	17 462 925	1 607 500	-	14 822	19 085 247
1965	15 011 515	-	-	-	5 021 322	20 032 837	1 760 730	-	15 445	21 809 012
1966	17 397 536	-	-	-	4 938 610	22 336 146	1 983 068	-	15 148	24 334 362
1967	15 096 582	-	-	-	5 365 115	20 461 697	1 828 439	913 275	59 652	23 263 063
1968	15 803 468	-	-	-	7 188 148	22 991 616	1 888 744	1 749 165	8 505	26 638 030
1969	13 424 451	-	-	-	6 331 797	19 756 248	1 689 016	2 494 075	11 214	23 950 553
1970	17 773 483	-	-	-	5 881 526	23 655 009	1 795 912	3 533 405	8 306	28 992 632
1971	17 677 538	-	-	-	7 748 999	25 426 537	1 974 733	4 331 602	5 367	31 738 239
1972	18 261 266	-	-	-	7 036 377	25 297 643	1 997 790	4 242 605	5 656	31 543 694
1973	20 608 149	-	-	-	5 236 108	25 844 257	2 042 408	4 232 455	7 726	32 126 846
1974	15 744 406	-	-	-	4 063 299	19 807 705	1 499 182	3 176 688	12 930	24 496 505
1975	17 612 142	-	-	-	3 234 974	20 847 116	1 735 862	3 720 018	9 236	26 312 232
1976	19 832 324	-	-	-	4 066 527	23 898 851	1 908 740	3 789 408	5 633	29 602 632
1977	22 528 087	-	-	-	6 094 584	28 622 671	2 140 978	4 030 938	5 642	34 800 229
1978	18 335 282	17 115 828	78 718	244 195	6 553 573	42 327 596	9 155 902	NOT	18 832	51 502 330
1979	24 716 528	16 370 362	103 290	212 472	6 730 737	48 133 389	8 957 417	APPLICABLE	16 565	57 107 371
1980	22 075 591	19 646 834	121 075	156 207	4 903 241	46 902 948	9 086 526	-	18 749	56 008 223
1981	24 033 362	17 895 441	174 679	55 504	6 956 739	49 115 725	8 369 227	-	19 502	57 504 454
1982	18 195 303	19 398 753	230 175	77 874	7 057 942	44 960 047	8 224 962	4 643 925	32 979	57 861 913
1983	20 996 071	20 259 032	244 307	62 448	8 179 595	49 741 453	7 994 936	8 061 656	27 460	65 825 505
1984	23 067 456	19 744 974	191 106	153 247	11 888 040	55 044 823	8 150 221	8 200 688	33 666	71 429 398
1985	20 034 048	13 752 916	217 162	120 619	9 704 218	43 828 963	6 508 406	6 459 219	37 802	56 834 390
1986	21 364 062	14 562 937	200 264	58 864	9 908 207	46 094 334	7 381 392	7 662 160	48 788	61 186 674
1987	22 085 943	16 887 282	191 691	45 836	10 067 598	49 278 350	7 730 888	8 091 383	57 191	65 157 812
1988	26 658 338	14 729 849	80 523	42 283	11 549 687	53 060 680	8 065 043	8 878 770	52 131	70 056 624
1989	28 580 341	11 413 087	-	34 731	11 774 131	51 802 290	8 015 257	8 311 312	55 457	68 184 316
1990	29 100 625	12 732 187	-	27 344	10 542 505	52 402 661	7 760 842	8 491 235	66 603	68 721 341
1991	23 827 359	17 000 527	-	25 097	10 393 172	51 246 155	8 829 002	8 738 160	80 851	68 894 168
TOTAL	608 592 098	231 510 009	1 832 990	1 316 721	212 475 456	1 055 727 274	147 886 952	113 752 142	1 501 917	1 318 868 285

PART III

St. Lawrence Seaway Toll Traffic

for the

Montreal-Lake Ontario Section

TRAFFIC BY TYPE OF VESSEL
1991

TABLE 1M

MONTREAL-LAKE ONTARIO SECTION

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Cargo	629	440	1 069	16 251 451	10 208 990	20 477	-	14 279	1 819 170	12 062 916	34.6	15 809 471.78	43.6
Tug and Barge	24	36	60	281 023	201 840	-	-	-	88	201 928	0.6	222 469.48	0.6
Tanker	89	85	174	1 169 373	715 710	-	-	-	-	715 710	2.1	777 894.11	2.1
Non-Cargo	49	80	129	47 878	-	-	-	-	-	-	0.0	23 356.29	0.1
Total Up	791	641	1 432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2	16 833 191.66	46.4
DOWNBOUND:													
Cargo	1 014	49	1 063	16 138 867	3 421 481	15 424 368	159 449	6 193	1 694 732	20 706 223	59.3	18 123 619.55	50.0
Tug and Barge	35	22	57	260 872	186 150	-	-	-	-	186 150	0.5	193 805.09	0.5
Tanker	120	57	177	1 185 590	1 037 516	-	-	-	-	1 037 516	3.0	1 070 986.54	3.0
Non-Cargo	51	79	130	60 147	-	-	-	-	-	-	0.0	27 003.33	0.1
Total Down	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 889	62.8	19 415 414.51	53.6
TOTALS:													
Cargo	1 643	489	2 132	32 390 318	13 630 471	15 444 845	159 449	20 472	3 513 902	32 769 139	93.9	33 933 091.33	93.6
Tug and Barge	59	58	117	541 895	387 990	-	-	-	88	388 078	1.1	416 274.57	1.1
Tanker	209	142	351	2 354 963	1 753 226	-	-	-	-	1 753 226	5.0	1 848 880.65	5.1
Non-Cargo	100	159	259	108 025	-	-	-	-	-	-	0.0	50 359.62	0.1
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL

1991

MONTREAL-LAKE ONTARIO SECTION

TABLE 2M

ORIGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
CANADA:													
Cargo	379	346	725	11 472 767	9 036 174	5 513	-	-	11 582	9 053 269	25.9	9 922 718.40	27.4
Tug and Barge	19	36	55	211 068	114 317	-	-	-	88	114 405	0.3	129 701.34	0.4
Tanker	50	75	125	736 823	390 206	-	-	-	-	390 206	1.1	430 508.83	1.2
Non-Cargo	39	72	111	43 834	-	-	-	-	-	-	0.0	17 379.89	0.0
Total Canada	487	529	1 016	12 464 492	9 540 697	5 513	-	-	11 670	9 557 880	27.4	10 500 308.46	29.0
U.S.A.:													
Cargo	9	12	21	254 594	114 412	-	-	-	-	114 412	0.3	94 211.10	0.3
Tug and Barge	4	-	4	55 970	69 736	-	-	-	-	69 736	0.2	73 938.36	0.2
Tanker	9	3	12	96 333	77 840	-	-	-	-	77 840	0.2	73 748.79	0.2
Non-Cargo	10	8	18	4 044	-	-	-	-	-	-	0.0	5 976.40	0.0
Total U.S.A.	32	23	55	410 941	261 988	-	-	-	-	261 988	0.8	247 874.65	0.7
FOREIGN:													
Cargo	241	82	323	4 524 090	1 058 404	14 964	-	14 279	1 807 588	2 895 235	8.3	5 792 542.28	16.0
Tug and Barge	1	-	1	13 985	17 787	-	-	-	-	17 787	0.1	18 829.78	0.1
Tanker	30	7	37	336 217	247 664	-	-	-	-	247 664	0.7	273 636.49	0.8
Non-Cargo	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Foreign	272	89	361	4 874 292	1 323 855	14 964	-	14 279	1 807 588	3 160 686	9.1	6 085 008.55	16.8
Total Up	791	641	1 432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2	16 833 191.66	46.4
DOWNBOUND:													
CANADA:													
Cargo	683	30	713	11 032 395	1 724 864	12 035 853	132 551	2 896	1 165 366	15 061 530	43.1	12 204 278.83	33.7
Tug and Barge	33	21	54	256 245	183 350	-	-	-	-	183 350	0.5	190 747.80	0.5
Tanker	113	50	163	1 089 064	1 016 740	-	-	-	-	1 016 740	2.9	1 002 599.53	2.8
Non-Cargo	40	68	108	46 513	-	-	-	-	-	-	0.0	19 785.72	0.1
Total Canada	869	169	1 038	12 424 217	2 924 954	12 035 853	132 551	2 896	1 165 366	16 261 620	46.6	13 417 411.88	37.0
U.S.A.:													
Cargo	331	19	350	5 106 472	1 696 617	3 388 515	26 898	3 297	529 366	5 644 693	16.2	5 919 340.72	16.3
Tug and Barge	2	1	3	4 627	2 800	-	-	-	-	2 800	0.0	3 057.29	0.0
Tanker	7	7	14	96 526	20 776	-	-	-	-	20 776	0.1	68 387.01	0.2
Non-Cargo	11	11	22	13 634	-	-	-	-	-	-	0.0	7 217.61	0.0
Total U.S.A.	351	38	389	5 221 259	1 720 193	3 388 515	26 898	3 297	529 366	5 668 269	16.2	5 998 002.63	16.5
Total Down	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 889	62.8	19 415 414.51	53.6
TOTALS:													
CANADA:	1 356	698	2 054	24 888 709	12 465 651	12 041 366	132 551	2 896	1 177 036	25 819 500	74.0	23 917 720.34	66.0
U.S.A.:	383	61	444	5 632 200	1 982 181	3 388 515	26 898	3 297	529 366	5 930 257	17.0	6 245 877.28	17.2
FOREIGN:	272	89	361	4 874 292	1 323 855	14 964	-	14 279	1 807 588	3 160 686	9.1	6 085 008.55	16.8
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

TRAFFIC BY CLASS AND TYPE OF VESSEL
1991

TABLE 3M — MONTREAL-LAKE ONTARIO SECTION

CLASS AND TYPE OF OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
OCEAN:													
Cargo	255	136	391	5 474 647	1 192 676	14 964	-	14 279	1 807 801	3 029 720	8.7	5 972 672.01	16.5
Tanker	40	14	54	476 158	339 517	-	-	-	-	339 517	1.0	361 023.48	1.0
Total Ocean	295	150	445	5 950 805	1 532 193	14 964	-	14 279	1 807 801	3 369 237	9.7	6 333 695.49	17.5
LAKER:													
Cargo	374	304	678	10 776 804	9 016 314	5 513	-	-	11 369	9 033 196	25.9	9 836 799.77	27.1
Tug and Barge	24	36	60	281 023	201 840	-	-	-	88	201 928	0.6	222 469.48	0.6
Tanker	49	71	120	693 215	376 193	-	-	-	-	376 193	1.1	416 870.63	1.2
Total Laker	447	411	858	11 751 042	9 594 347	5 513	-	-	11 457	9 611 317	27.5	10 476 139.88	28.9
ALL OTHER:	49	80	129	47 878	-	-	-	-	-	-	0.0	23 356.29	0.1
Total Upbound	791	641	1 432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2	16 833 191.66	46.4
DOWNBOUND:													
OCEAN:													
Cargo	358	32	390	5 454 532	1 149 925	2 114 082	159 449	6 193	1 690 757	5 120 406	14.7	6 945 787.81	19.2
Tanker	33	21	54	476 158	310 227	-	-	-	-	310 227	0.9	336 471.80	0.9
Total Ocean	391	53	444	5 930 690	1 460 152	2 114 082	159 449	6 193	1 690 757	5 430 633	15.6	7 282 259.61	20.1
LAKER:													
Cargo	656	17	673	10 684 335	2 271 556	13 310 286	-	-	3 975	15 585 817	44.6	11 177 831.74	30.8
Tug and Barge	35	22	57	260 872	186 150	-	-	-	-	186 150	0.5	193 805.09	0.5
Tanker	87	36	123	709 432	727 289	-	-	-	-	727 289	2.1	734 514.74	2.0
Total Laker	778	75	853	11 654 639	3 184 995	13 310 286	-	-	3 975	16 499 256	47.3	12 106 151.57	33.4
ALL OTHER:	51	79	130	60 147	-	-	-	-	-	-	0.0	27 003.33	0.1
Total Downbound	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 889	62.8	19 415 414.51	53.6
TOTALS:													
OCEAN:													
Cargo	613	168	781	10 929 179	2 342 601	2 129 046	159 449	20 472	3 498 558	8 150 126	23.3	12 918 459.82	35.6
Tanker	73	35	108	952 316	649 744	-	-	-	-	649 744	1.9	697 495.28	1.9
Total Ocean	686	203	889	11 881 495	2 992 345	2 129 046	159 449	20 472	3 498 558	8 799 870	25.2	13 615 955.10	37.6
LAKER:													
Cargo	1 030	321	1 351	21 461 139	11 287 870	13 315 799	-	-	15 344	24 619 013	70.5	21 014 631.51	58.0
Tug and Barge	59	58	117	541 895	387 990	-	-	-	88	388 078	1.1	416 274.57	1.1
Tanker	136	107	243	1 402 647	1 103 482	-	-	-	-	1 103 482	3.2	1 151 385.37	3.2
Total Laker	1 225	486	1 711	23 405 681	12 779 342	13 315 799	-	-	15 432	26 110 573	74.8	22 582 291.45	62.3
ALL OTHER:	100	159	259	108 025	-	-	-	-	-	-	0.0	50 359.62	0.1
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL

1991

MONTREAL-LAKE ONTARIO SECTION

TABLE 4M

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	$	%
UPBOUND:													
OVERSEAS:													
Cargo	241	83	324	4 540 977	1 058 404	14 964	-	14 279	1 807 602	2 895 249	8.3	5 794 230.99	16.0
Tug and Barge	1	-	1	13 985	17 787	-	-	-	-	17 787	0.1	18 829.78	0.1
Tanker	30	7	37	336 217	250 864	-	-	-	-	250 864	0.7	273 636.49	0.8
Total Overseas	272	90	362	4 891 179	1 327 055	14 964	-	14 279	1 807 602	3 163 900	9.1	6 086 697.26	16.8
INLAND:													
Cargo	348	343	691	10 894 799	8 447 365	5 513	-	-	11 568	8 464 446	24.2	9 371 314.25	25.9
Tug and Barge	19	35	54	207 008	114 317	-	-	-	88	114 405	0.3	129 295.34	0.4
Tanker	50	66	116	683 101	387 006	-	-	-	-	387 006	1.1	425 136.61	1.2
Total Inland	417	444	861	11 784 908	8 948 688	5 513	-	-	11 656	8 965 857	25.7	9 925 746.20	27.4
COASTAL:													
Cargo	40	14	54	815 675	703 221	-	-	-	-	703 221	2.0	643 926.54	1.8
Tug and Barge	4	1	5	60 030	69 736	-	-	-	-	69 736	0.2	74 344.36	0.2
Tanker	9	12	21	150 055	77 840	-	-	-	-	77 840	0.2	79 121.01	0.2
Total Coastal	53	27	80	1 025 760	850 797	-	-	-	-	850 797	2.4	797 391.91	2.2
NON-CARGO:													
Tug	-	35	35	4 833	-	-	-	-	-	-	0.0	2 086.00	0.0
All Other	49	45	94	43 045	-	-	-	-	-	-	0.0	21 270.29	0.1
Total Non-Cargo	49	80	129	47 878	-	-	-	-	-	-	0.0	23 356.29	0.1
Total Upbound	791	641	1 432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2	16 833 191.66	46.4
DOWNBOUND:													
OVERSEAS:													
Cargo	349	3	352	4 979 312	1 006 429	2 114 082	159 449	6 193	1 664 166	4 950 319	14.2	6 697 877.73	18.5
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	23	13	36	343 516	232 604	-	-	-	-	232 604	0.7	261 239.09	0.7
Total Overseas	372	16	388	5 322 828	1 239 033	2 114 082	159 449	6 193	1 664 166	5 182 923	14.8	6 959 116.82	19.2
INLAND:													
Cargo	635	31	666	10 468 659	2 242 565	12 981 584	-	-	3 975	15 228 124	43.6	10 936 335.27	30.2
Tug and Barge	34	22	56	256 812	178 499	-	-	-	-	178 499	0.5	186 984.84	0.5
Tanker	82	39	121	713 999	688 947	-	-	-	-	688 947	2.0	696 932.31	1.9
Total Inland	751	92	843	11 439 470	3 110 011	12 981 584	-	-	3 975	16 095 570	46.1	11 820 252.42	32.6
COASTAL:													
Cargo	30	15	45	690 896	172 487	328 702	-	-	26 591	527 780	1.5	489 406.55	1.4
Tug and Barge	1	-	1	4 060	7 651	-	-	-	-	7 651	0.0	6 820.25	0.0
Tanker	15	5	20	128 075	115 965	-	-	-	-	115 965	0.3	112 815.14	0.3
Total Coastal	46	20	66	823 031	296 103	328 702	-	-	26 591	651 396	1.9	609 041.94	1.7
NON-CARGO:													
Tug	-	31	31	5 583	-	-	-	-	-	-	0.0	1 392.81	0.0
All Other	51	48	99	54 564	-	-	-	-	-	-	0.0	25 610.52	0.1
Total Non-Cargo	51	79	130	60 147	-	-	-	-	-	-	0.0	27 003.33	0.1
Total Downbound	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 889	62.8	19 415 414.51	53.6
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

TRAFFIC BY ORIGIN AND DESTINATION
1991

TABLE 5M

MONTREAL-LAKE ONTARIO SECTION

ORIGIN AND DESTINATION (1)	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Canada - Canada	265	457	722	8 153 758	5 953 454	5 513	-	-	-	5 958 967	17.1	5 109 522.80	14.1
Canada - U.S.A.	222	72	294	4 310 734	3 587 243	-	-	-	11 670	3 598 913	10.3	5 390 785.66	14.9
Foreign - Canada	82	52	134	1 654 449	913 162	14 964	-	7 302	181 826	1 117 254	3.2	1 163 748.68	3.2
Total Canada	569	581	1 150	14 118 941	10 453 859	20 477	-	7 302	193 496	10 675 134	30.6	11 664 057.14	32.2
U.S.A. - Canada	20	13	33	381 983	261 988	-	-	-	-	261 988	0.8	226 979.11	0.6
U.S.A. - U.S.A.	12	10	22	28 958	-	-	-	-	-	-	0.0	20 895.54	0.1
Foreign - U.S.A.	190	37	227	3 219 843	410 693	-	-	6 977	1 625 762	2 043 432	5.9	4 921 259.87	13.6
Total U.S.A.	222	60	282	3 630 784	672 681	-	-	6 977	1 625 762	2 305 420	6.6	5 169 134.52	14.3
Total Upbound	791	641	1 432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2	16 833 191.66	46.4
DOWNBOUND:													
Canada - Canada	672	152	824	9 642 876	2 080 230	11 291 010	-	-	-	13 371 240	38.3	9 560 373.84	26.4
Canada - U.S.A.	16	3	19	219 833	221 119	-	-	-	37 207	258 326	0.7	276 768.75	0.8
Canada - Foreign	181	14	195	2 561 508	623 605	744 843	132 551	2 896	1 128 159	2 632 054	7.5	3 580 269.29	9.9
Total Canada	869	169	1 038	12 424 217	2 924 954	12 035 853	132 551	2 896	1 165 366	16 261 620	46.6	13 417 411.88	37.0
U.S.A. - Canada	147	29	176	2 416 845	1 104 765	2 019 276	-	-	4 275	3 128 316	9.0	2 597 794.72	7.2
U.S.A. - U.S.A.	13	7	20	43 094	-	-	-	-	-	-	0.0	21 360.38	0.1
U.S.A. - Foreign	191	2	193	2 761 320	615 428	1 369 239	26 898	3 297	525 091	2 539 953	7.3	3 378 847.53	9.3
Total U.S.A.	351	38	389	5 221 259	1 720 193	3 388 515	26 898	3 297	529 366	5 668 269	16.2	5 998 002.63	16.5
Total Downbound	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 889	62.8	19 415 414.51	53.6
TOTALS:													
Canada - Canada	937	609	1 546	17 796 634	8 033 684	11 296 523	-	-	-	19 330 207	55.4	14 669 896.64	40.5
Canada - U.S.A.	238	75	313	4 530 567	3 808 362	-	-	-	48 877	3 857 239	11.0	5 667 554.41	15.6
Canada - Foreign	181	14	195	2 561 508	623 605	744 843	132 551	2 896	1 128 159	2 632 054	7.5	3 580 269.29	9.9
Foreign - Canada	82	52	134	1 654 449	913 162	14 964	-	7 302	181 826	1 117 254	3.2	1 163 748.68	3.2
Total Canada	1 438	750	2 188	26 543 158	13 378 813	12 056 330	132 551	10 198	1 358 862	26 936 754	77.2	25 081 469.02	69.2
U.S.A. - Canada	167	42	209	2 798 828	1 366 753	2 019 276	-	-	4 275	3 390 304	9.7	2 824 773.83	7.8
U.S.A. - U.S.A.	25	17	42	72 052	-	-	-	-	-	-	0.0	42 255.92	0.1
U.S.A. - Foreign	191	2	193	2 761 320	615 428	1 369 239	26 898	3 297	525 091	2 539 953	7.3	3 378 847.53	9.3
Foreign - U.S.A.	190	37	227	3 219 843	410 693	-	-	6 977	1 625 762	2 043 432	5.9	4 921 259.87	13.6
Total U.S.A.	573	98	671	8 852 043	2 392 874	3 388 515	26 898	10 274	2 155 128	7 973 689	22.8	11 167 137.15	30.8
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1991

TABLE 6M

MONTREAL-LAKE ONTARIO SECTION

TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Bulk	571	-	571	7 990 870	11 001 757	-	-	-	-	11 001 757	31.5	11 385 937.69	31.4
Grains	3	-	3	46 774	-	20 213	-	-	-	20 213	0.1	16 805.22	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	1	-	1	8 501	-	-	-	163	-	163	0.0	1 009.86	0.0
General	116	-	116	1 575 167	-	-	-	-	1 288 425	1 288 425	3.7	3 219 074.04	8.9
Mixed	51	-	51	795 780	124 783	264	-	14 116	530 833	669 996	1.9	1 472 833.92	4.1
Passengers	49	-	49	15 344	-	-	-	-	-	-	0.0	17 482.12	0.0
In Ballast - Overseas	-	90	90	1 205 560	-	-	-	-	-	-	0.0	119 752.80	0.3
- Inland	-	444	444	5 823 814	-	-	-	-	-	-	0.0	570 112.63	1.6
- Coastal	-	27	27	255 381	-	-	-	-	-	-	0.0	24 309.21	0.1
- Non-Cargo	-	80	80	32 534	-	-	-	-	-	-	0.0	5 874.17	0.0
Total Upbound	791	641	1 432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2	16 833 191.66	46.4
DOWNBOUND:													
Bulk	334	-	334	3 588 708	4 522 214	-	-	-	-	4 522 214	13.0	4 600 943.67	12.7
Grains	619	-	619	9 867 468	-	14 328 487	-	-	-	14 328 487	41.0	9 580 166.91	26.4
Government Aid	13	-	13	153 596	-	-	148 892	-	-	148 892	0.4	15 359.70	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	115	-	115	1 721 456	-	-	-	-	1 615 103	1 615 103	4.6	4 016 091.95	11.1
Mixed	88	-	88	1 173 576	122 933	1 095 881	10 557	6 193	79 629	1 315 193	3.8	1 079 549.68	3.0
Passengers	51	-	51	15 135	-	-	-	-	-	-	0.0	20 836.55	0.1
In Ballast - Overseas	-	16	16	119 604	-	-	-	-	-	-	0.0	11 960.44	0.0
- Inland	-	92	92	695 405	-	-	-	-	-	-	0.0	63 716.26	0.2
- Coastal	-	20	20	265 516	-	-	-	-	-	-	0.0	20 622.57	0.1
- Non-Cargo	-	79	79	45 012	-	-	-	-	-	-	0.0	6 166.78	0.0
Total Downbound	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 899	62.8	19 415 414.51	53.6
TOTALS:													
Bulk	905	-	905	11 579 578	15 523 971	-	-	-	-	15 523 971	44.5	15 986 881.36	44.1
Grains	622	-	622	9 914 242	-	14 348 700	-	-	-	14 348 700	41.1	9 596 972.13	26.5
Government Aid	13	-	13	153 596	-	-	148 892	-	-	148 892	0.4	15 359.70	0.0
Containers	1	-	1	8 501	-	-	-	163	-	163	0.0	1 009.86	0.0
General	231	-	231	3 296 623	-	-	-	-	2 903 528	2 903 528	8.3	7 235 165.99	20.0
Mixed	139	-	139	1 969 356	247 716	1 096 145	10 557	20 309	610 462	1 985 189	5.7	2 552 383.60	7.0
Passengers	100	-	100	30 479	-	-	-	-	-	-	0.0	38 318.67	0.1
In Ballast - Overseas	-	106	106	1 325 164	-	-	-	-	-	-	0.0	131 713.24	0.4
- Inland	-	536	536	6 519 219	-	-	-	-	-	-	0.0	633 828.89	1.7
- Coastal	-	47	47	520 897	-	-	-	-	-	-	0.0	44 931.78	0.1
- Non-Cargo	-	159	159	77 546	-	-	-	-	-	-	0.0	12 040.95	0.0
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1991
UPBOUND

TABLE 7M PART A

MONTREAL-LAKE ONTARIO SECTION

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	109	-	109	1 311 670	1 204 291	-	-	-	-	1 204 291	3.4	1 295 455.55	3.6
Grains	1	-	1	14 743	-	14 700	-	-	-	14 700	0.0	10 294.31	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	1	-	1	8 501	-	-	-	163	-	163	0.0	1 009.86	0.0
General	111	-	111	1 559 413	-	-	-	-	1 278 412	1 278 412	3.7	3 193 688.60	8.8
Mixed	50	-	50	791 292	122 764	264	-	14 116	529 190	666 334	1.9	1 466 496.14	4.0
In Ballast	-	90	90	1 205 560	-	-	-	-	-	-	0.0	119 752.80	0.3
Total Overseas	272	90	362	4 891 179	1 327 055	14 964	-	14 279	1 807 602	3 163 900	9.1	6 086 697.26	16.8
INLAND:													
Bulk	409	-	409	5 908 821	8 946 669	-	-	-	-	8 946 669	25.6	9 317 399.44	25.7
Grains	2	-	2	32 031	-	5 513	-	-	-	5 513	0.0	6 510.91	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	5	-	5	15 754	-	-	-	-	10 013	10 013	0.0	25 385.44	0.1
Mixed	1	-	1	4 488	2 019	-	-	-	1 643	3 662	0.0	6 337.78	0.0
In Ballast	-	444	444	5 823 814	-	-	-	-	-	-	0.0	570 112.63	1.6
Total Inland	417	444	861	11 784 908	8 948 688	5 513	-	-	11 656	8 965 857	25.7	9 925 746.20	27.4
COASTAL:													
Bulk	53	-	53	770 379	850 797	-	-	-	-	850 797	2.4	773 082.70	2.1
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
In Ballast	-	27	27	255 381	-	-	-	-	-	-	0.0	24 309.21	0.1
Total Coastal	53	27	80	1 025 760	850 797	-	-	-	-	850 797	2.4	797 391.91	2.2
NON-CARGO:	49	80	129	47 878	-	-	-	-	-	-	0.0	23 356.29	0.1
Total Upbound	791	041	432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2	16 833 191.66	46.4

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1991
DOWNBOUND

MONTREAL-LAKE ONTARIO SECTION

TABLE 7M PART B

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	91	-	91	1 101 288	1 168 907	-	-	-	-	1 168 907	3.3	1 233 316.81	3.4
Grains	108	-	108	1 626 950	-	1 746 674	-	-	-	1 746 674	5.0	1 210 699.92	3.3
Government Aid	13	-	13	153 596	-	-	148 892	-	-	148 892	0.4	15 359.70	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	112	-	112	1 684 431	-	-	-	-	1 588 512	1 588 512	4.6	3 949 102.83	10.9
Mixed	48	-	48	636 959	70 126	367 408	10 557	6 193	75 654	529 938	1.5	538 677.12	1.5
In Ballast	-	16	16	119 604	-	-	-	-	-	-	0.0	11 960.44	0.0
Total Overseas	372	16	388	5 322 828	1 239 033	2 114 082	159 449	6 193	1 664 166	5 182 923	14.8	6 959 116.82	19.2
INLAND:													
Bulk	219	-	219	2 230 789	3 057 204	-	-	-	-	3 057 204	8.8	3 067 093.97	8.5
Grains	498	-	498	8 004 780	-	12 292 351	-	-	-	12 292 351	35.2	8 174 925.74	22.6
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Mixed	34	-	34	508 496	52 807	689 233	-	-	3 975	746 015	2.1	514 516.45	1.4
In Ballast	-	92	92	695 405	-	-	-	-	-	-	0.0	63 716.26	0.2
Total Inland	751	92	843	11 439 470	3 110 011	12 981 584	-	-	3 975	16 095 570	46.1	11 820 252.42	32.6
COASTAL:													
Bulk	24	-	24	256 631	296 103	-	-	-	-	296 103	0.8	300 532.89	0.8
Grains	13	-	13	235 738	-	289 462	-	-	-	289 462	0.8	194 541.25	0.5
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	3	-	3	37 025	-	-	-	-	26 591	26 591	0.1	66 989.12	0.2
Mixed	6	-	6	28 121	-	39 240	-	-	-	39 240	0.1	26 356.11	0.1
In Ballast	-	20	20	265 516	-	-	-	-	-	-	0.0	20 622.57	0.1
Total Coastal	46	20	66	823 031	296 103	328 702	-	-	26 591	651 396	1.9	609 041.94	1.7
NON-CARGO:	51	79	130	60 147	-	-	-	-	-	-	0.0	27 003.33	0.1
Total Downbound	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 889	62.8	19 415 414.51	53.6
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

TRAFFIC BY COUNTRY OF REGISTRY
1991

TABLE 8M

MONTREAL-LAKE ONTARIO SECTION

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
Canada	1 287	611	1 898	23 514 414	12 801 127	13 315 799	-	-	15 631	26 132 557	74.9	22 631 648.71	62.4
United States	43	34	77	63 704	-	15 473	-	-	13 730	29 203	0.1	69 829.17	0.2
England	8	4	12	239 716	83 507	49 405	-	10	30 182	163 104	0.5	207 294.43	0.6
Baltic Countries	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Belgium	2	-	2	44 395	5 000	24 848	-	-	8 298	38 146	0.1	43 997.55	0.1
Denmark	3	1	4	23 146	-	10 340	-	-	798	11 138	0.0	10 417.86	0.0
Norway	43	13	56	727 534	143 912	17 988	-	-	363 153	525 053	1.5	1 086 857.34	3.0
Sweden	8	-	8	55 726	47 973	-	-	-	19 585	67 558	0.2	99 198.54	0.3
Finland	8	4	12	164 520	70 724	9 163	-	-	-	79 887	0.2	91 259.34	0.3
France	6	2	8	105 384	30 613	54 247	-	-	8 377	93 237	0.3	80 408.44	0.2
West Germany	3	3	6	49 198	12 604	-	7 583	-	14 660	34 847	0.1	50 485.98	0.1
Greece	62	20	82	1 240 142	153 068	285 852	-	-	491 488	930 408	2.7	1 607 206.44	4.4
Italy	3	1	4	24 908	14 672	-	-	-	-	14 672	0.0	16 869.42	0.0
Poland	21	1	22	347 604	-	175 349	-	-	180 590	355 939	1.0	569 774.08	1.6
Russia	39	5	44	403 124	25 608	247	16 304	3 519	83 256	128 934	0.4	267 154.81	0.7
Spain	5	7	12	113 025	52 143	-	-	-	-	52 143	0.1	62 402.70	0.2
Yugoslavia	11	5	16	304 766	100 453	54 664	-	-	56 959	212 076	0.6	297 281.42	0.8
Iceland	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Cuba	7	5	12	138 910	44 672	34 076	-	11	-	78 759	0.2	78 126.03	0.2
Panama	74	17	91	1 100 022	322 071	188 679	42 702	111	349 152	902 715	2.6	1 331 319.42	3.7
West Indies	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
BWI and Bermuda	13	11	24	217 642	26 157	8 171	27 898	163	29 589	91 978	0.3	122 930.56	0.3
Central America	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Brazil	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Venezuela	3	3	6	60 144	33 539	-	-	-	-	33 539	0.1	38 882.63	0.1
Peru	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
China	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
India	4	2	6	103 438	13 885	-	-	-	52 383	66 268	0.2	148 622.74	0.4
Japan	9	3	12	213 774	29 395	73 602	-	39	50 087	153 123	0.4	213 591.07	0.6
Middle East	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Israel	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Turkey	7	1	8	108 688	13 043	30 618	-	-	40 041	83 702	0.2	137 319.40	0.4
Other Asia	2	-	2	33 036	-	16 387	-	-	16 161	32 548	0.1	51 598.99	0.1
Liberia	111	21	132	1 932 438	638 487	329 898	4	6 711	472 706	1 447 806	4.1	2 127 033.76	5.9
Algeria	6	-	6	37 482	-	-	-	-	12 707	12 707	0.0	33 990.91	0.1
French Africa	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Other	223	74	297	4 028 321	1 109 034	750 039	64 958	9 908	1 204 457	3 138 396	9.0	4 773 104.43	13.2
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO

1991

TABLE 9M — MONTREAL-LAKE ONTARIO SECTION

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Containers	General	Total	
Wheat	-	12 139 805	77 086	-	-	12 216 891	35.0
Corn	-	1 485 249	18 373	-	-	1 503 622	4.3
Rye	-	1 403	-	-	-	1 403	0.0
Oats	-	1 050	-	-	-	1 050	0.0
Barley	-	664 207	-	-	-	664 207	1.9
Flour, Wheat	-	-	38 068	-	-	38 068	0.1
Flour, Edible, Other	33	-	-	90	9	132	0.0
Soybeans	-	469 412	-	-	-	469 412	1.3
Soybean Oil Cake and Meal	-	-	-	-	-	-	0.0
Beans and Peas	-	164 977	13 651	-	-	178 628	0.5
Malt	-	15 193	-	-	-	15 193	0.0
Flaxseed	-	171 718	-	-	-	171 718	0.5
Sunflower Seeds	-	32 609	-	-	-	32 609	0.1
Other Agricultural Products	628	238 839	45	259	-	239 771	0.7
Total Agricultural Products	661	15 384 462	147 223	349	9	15 532 704	44.5
Packing House Products, Edible	-	-	-	-	8	8	0.0
Hides, Skins and Pelts	-	-	-	135	-	135	0.0
Other Animal Products	50 985	-	-	142	-	51 127	0.1
Total Animal Products	50 985	-	-	277	8	51 270	0.1
Bituminous Coal	591 980	-	-	-	-	591 980	1.7
Coke	503 410	-	-	-	-	503 410	1.4
Iron Ore	8 455 027	-	-	-	-	8 455 027	24.2
Aluminum Ore and Concentrates	195 094	-	-	-	-	195 094	0.6
Clay and Bentonite	151 385	-	-	-	100	151 485	0.4
Gravel and Sand	-	-	-	-	-	-	0.0
Stone, Ground or Crushed	598 886	-	-	-	-	598 886	1.7
Stone, Rough	-	-	-	58	-	58	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 029 814	-	-	-	-	1 029 814	2.9
Phosphate Rock	-	-	-	-	-	-	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	836 169	-	-	618	3	836 790	2.4
Total Mine Products	12 361 765	-	-	676	103	12 362 544	35.4
Pulpwood	-	-	-	-	-	-	0.0
Other Forest Products	26 456	-	-	58	1 105	27 619	0.1
Total Forest Products	26 456	-	-	58	1 105	27 619	0.1
Gasoline	378 315	-	-	-	-	378 315	1.1
Fuel Oil	866 101	-	-	-	-	866 101	2.5
Lubricating Oils and Grease	30 118	-	-	-	-	30 118	0.1
Petroleum Products, Other	6 876	-	-	-	18	6 894	0.0
Rubber, Crude, Natural, Synthetic	-	-	-	77	2	79	0.0
Chemicals	565 676	-	-	653	2 054	568 383	1.6
Sodium Products	78 331	-	-	148	-	78 479	0.2
Tar, Pitch and Creosote	80 600	-	-	-	-	80 600	0.2
Pig Iron	37 505	-	-	-	-	37 505	0.1
Iron and Steel, Bars, Rods, Slabs	-	-	-	94	394 055	394 149	1.1
Iron and Steel, Nails and Wire	-	-	-	376	416	792	0.0
Iron and Steel, Manufactured	-	-	-	1 071	3 042 122	3 043 193	8.7
Machinery and Machines	-	-	-	2 221	24 631	26 852	0.1
Cement	340 350	-	-	-	-	340 350	1.0
Woodpulp	77 883	-	-	-	-	77 883	0.2
Newsprint	-	-	-	-	4 208	4 208	0.0
Syrup and Molasses	8 362	-	-	-	-	8 362	0.0
Sugar	301 713	-	-	-	-	301 713	0.9
Food Products	-	-	-	1 053	-	1 053	0.0
Scrap Iron and Steel	137 600	-	-	-	-	137 600	0.4
Other Manufactures and Misc. (1)	422 390	60 383	12 226	13 419	45 259	553 677	1.6
Total Manufactures and Misc.	3 331 820	60 383	12 226	19 112	3 512 765	6 936 306	19.9
GRAND TOTAL	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1991

TABLE 10M PART A — MONTREAL-LAKE ONTARIO SECTION

NO.	COMMODITY From: / To:	UPBOUND TONNES: CANADA → Canada	CANADA → United States	UNITED STATES → Canada	UNITED STATES → United States	FOREIGN → Canada	FOREIGN → United States	TOTAL UP-BOUND	% OF TOTAL UP-BOUND
1	Wheat	5 513	-	-	-	-	-	5 513	0.0
2	Corn	-	-	-	-	-	-	-	0.0
3	Rye	-	-	-	-	-	-	-	0.0
4	Oats	-	-	-	-	-	-	-	0.0
5	Barley	-	-	-	-	-	-	-	0.0
6	Flour, Wheat	-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other	-	-	-	-	-	-	-	0.0
8	Soybeans	-	-	-	-	-	-	-	0.0
9	Soybean Oil Cake and Meal	-	-	-	-	-	-	-	0.0
10	Beans and Peas	-	-	-	-	249	-	249	0.0
11	Malt	-	-	-	-	-	-	-	0.0
12	Flaxseed	-	-	-	-	-	-	-	0.0
13	Sunflower Seeds	-	-	-	-	-	-	-	0.0
14	Other Agricultural Products	-	-	-	-	15 361	-	15 361	0.1
15	Total Agricultural Products	5 513	-	-	-	15 610	-	21 123	0.2
16	Packing House Products, Edible	-	-	-	-	-	-	-	0.0
17	Hides, Skins and Pelts	-	-	-	-	-	86	86	0.0
18	Other Animal Products	-	-	-	-	91	-	91	0.0
19	Total Animal Products	-	-	-	-	91	86	177	0.0
20	Bituminous Coal	-	-	-	-	-	-	-	0.0
21	Coke	-	-	-	-	-	-	-	0.0
22	Iron Ore	4 909 961	3 444 887	-	-	-	48 477	8 403 325	64.7
23	Aluminum Ore and Concentrates	21 498	-	-	-	173 596	-	195 094	1.5
24	Clay and Bentonite	-	-	-	-	-	4 203	4 203	0.0
25	Gravel and Sand	-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed	22 983	-	-	-	-	-	22 983	0.2
27	Stone, Rough	-	-	-	-	-	-	-	0.0
28	Petroleum, Crude	-	-	-	-	-	-	-	0.0
29	Salt	360 351	-	-	-	-	-	360 351	2.8
30	Phosphate Rock	-	-	-	-	-	-	-	0.0
31	Sulphur	-	-	-	-	-	-	-	0.0
32	Other Mine Products	260 867	1 194	-	-	137 385	169 405	568 851	4.4
33	Total Mine Products	5 575 660	3 446 081	-	-	310 981	222 085	9 554 807	73.6
34	Pulpwood	-	-	-	-	-	-	-	0.0
35	Other Forest Products	-	-	-	-	-	-	-	0.0
36	Total Forest Products	-	-	-	-	-	-	-	0.0
37	Gasoline	196 485	-	83 152	-	37 382	-	317 019	2.4
38	Fuel Oil	156 307	73 402	-	-	14 048	-	243 757	1.9
39	Lubricating Oils and Grease	-	-	-	-	27 297	-	27 297	0.2
40	Petroleum Products, Other	-	17	-	-	-	1	18	0.0
41	Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	-	0.0
42	Chemicals	-	3 228	105 987	-	65 203	35 565	209 983	1.6
43	Sodium Products	12 966	-	28 462	-	10 968	39	52 435	0.4
44	Tar, Pitch and Creosote	414	3 547	10 989	-	10 898	34 206	60 054	0.5
45	Pig Iron	1 928	35 577	-	-	-	-	37 505	0.3
46	Iron and Steel, Bars, Rods, Slabs	-	11 369	-	-	68 818	148 763	228 950	1.8
47	Iron and Steel, Nails and Wire	-	-	-	-	149	500	649	0.0
48	Iron and Steel, Manufactured	-	-	-	-	102 296	1 430 093	1 532 389	11.8
49	Machinery and Machines	-	192	-	-	7 463	12 287	19 942	0.2
50	Cement	-	-	-	-	49 620	-	49 620	0.4
51	Woodpulp	-	16 099	-	-	18 670	12 650	47 419	0.4
52	Newsprint	-	-	-	-	-	-	-	0.0
53	Syrup and Molasses	4 944	-	-	-	618	-	5 562	0.0
54	Sugar	-	-	-	-	301 713	-	301 713	2.3
55	Food Products	-	-	-	-	56	182	238	0.0
56	Scrap Iron and Steel	-	-	-	-	-	507	507	0.0
57	Other Manufactures and Misc. (1)	4 750	9 401	33 398	-	75 373	146 468	269 390	2.1
58	Total Manufactures and Misc.	377 794	152 832	261 988	-	790 572	1 821 261	3 404 447	26.2
59	GRAND TOTAL	5 958 967	3 598 913	261 988	-	1 117 254	2 043 432	12 980 554	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1991

TABLE 10M PART B — MONTREAL-LAKE ONTARIO SECTION

From:	DOWNBOUND TONNES						TOTAL DOWN-BOUND	% OF TOTAL DOWN-BOUND	GRAND TOTALS		NO.
	CANADA			UNITED STATES					TOTAL CARGO TONNES	% OF TOTAL	
To:	Canada	United States	Foreign	Canada	United States	Foreign					
	10 671 155	-	208 646	760 153	-	571 424	12 211 378	55.7	12 216 891	35.0	1
	428 198	-	82 226	752 362	-	240 836	1 503 622	6.9	1 503 622	4.3	2
	-	-	1 403	-	-	-	1 403	0.0	1 403	0.0	3
	1 050	-	-	-	-	-	1 050	0.0	1 050	0.0	4
	70 672	-	60 000	498 361	-	35 174	664 207	3.0	664 207	1.9	5
	-	-	30 930	-	-	7 138	38 068	0.2	38 068	0.1	6
	-	-	132	-	-	-	132	0.0	132	0.0	7
	-	-	103 938	8 400	-	357 074	469 412	2.1	469 412	1.3	8
	-	-	-	-	-	-	-	0.0	-	0.0	9
	-	-	112 923	-	-	65 456	178 379	0.8	178 628	0.5	10
	15 193	-	-	-	-	-	15 193	0.1	15 193	0.0	11
	-	-	171 718	-	-	-	171 718	0.8	171 718	0.5	12
	-	-	-	-	-	32 609	32 609	0.1	32 609	0.1	13
	104 742	-	70 402	-	-	49 266	224 410	1.0	239 771	0.7	14
	11 291 010	-	842 318	2 019 276	-	1 358 977	15 511 581	70.7	15 532 704	44.5	15
	-	-	8	-	-	-	8	0.0	8	0.0	16
	-	-	-	-	-	49	49	0.0	135	0.0	17
	-	-	33 526	-	-	17 510	51 036	0.2	51 127	0.1	18
	-	-	33 534	-	-	17 559	51 093	0.2	51 270	0.1	19
	23 461	-	-	538 927	-	29 592	591 980	2.7	591 980	1.7	20
	-	-	68 286	198 153	-	236 971	503 410	2.3	503 410	1.4	21
	-	-	-	51 702	-	-	51 702	0.2	8 455 027	24.2	22
	-	-	-	-	-	-	-	0.0	195 094	0.6	23
	-	-	-	80 282	-	67 000	147 282	0.7	151 485	0.4	24
	-	-	-	-	-	-	-	0.0	-	0.0	25
	380 762	-	-	195 141	-	-	575 903	2.6	598 886	1.7	26
	-	-	58	-	-	-	58	0.0	58	0.0	27
	-	-	-	-	-	-	-	0.0	-	0.0	28
	652 249	-	-	17 214	-	-	669 463	3.1	1 029 814	2.9	29
	-	-	-	-	-	-	-	0.0	-	0.0	30
	-	-	-	-	-	-	-	0.0	-	0.0	31
	41 189	-	211 361	-	-	15 389	267 939	1.2	836 790	2.4	32
	1 097 661	-	279 705	1 081 419	-	348 952	2 807 737	12.8	12 362 544	35.4	33
	-	-	-	-	-	-	-	0.0	-	0.0	34
	-	-	26 332	-	-	1 287	27 619	0.1	27 619	0.1	35
	-	-	26 332	-	-	1 287	27 619	0.1	27 619	0.1	36
	56 823	-	4 473	-	-	-	61 296	0.3	378 315	1.1	37
	585 616	35 739	989	-	-	-	622 344	2.8	866 101	2.5	38
	-	-	2 821	-	-	-	2 821	0.0	30 118	0.1	39
	-	-	6 876	-	-	-	6 876	0.0	6 894	0.0	40
	-	-	79	-	-	-	79	0.0	79	0.0	41
	127 139	41 884	186 111	-	-	3 266	358 400	1.6	568 383	1.6	42
	26 026	-	18	-	-	-	26 044	0.1	78 479	0.2	43
	-	-	-	20 546	-	-	20 546	0.1	80 600	0.2	44
	-	-	-	-	-	-	-	0.0	37 505	0.1	45
	-	-	164 686	-	-	513	165 199	0.8	394 149	1.1	46
	-	-	143	-	-	-	143	0.0	792	0.0	47
	-	36 526	954 258	3 975	-	516 045	1 510 804	6.9	3 043 193	8.7	48
	-	663	4 192	88	-	860	5 803	0.0	25 745	0.1	49
	147 234	143 496	-	-	-	-	290 730	1.3	340 350	1.0	50
	-	-	28 316	-	-	2 148	30 464	0.1	77 883	0.2	51
	-	-	4 208	-	-	-	4 208	0.0	4 208	0.0	52
	-	-	-	2 800	-	-	2 800	0.0	8 362	0.0	53
	-	-	-	-	-	-	-	0.0	301 713	0.9	54
	-	-	89	-	-	726	815	0.0	1 053	0.0	55
	24 358	-	36 889	-	-	75 846	137 093	0.6	137 600	0.4	56
	15 373	18	56 017	212	-	213 774	285 394	1.3	554 784	1.6	57
	982 569	258 326	1 450 165	27 621	-	813 178	3 531 859	16.1	6 936 306	19.9	58
	13 371 240	258 326	2 632 054	3 128 316	-	2 539 953	21 929 889	100.0	34 910 443	100.0	59

TRAFFIC BY VESSEL LENGTH
1991

TABLE 11M

MONTREAL-LAKE ONTARIO SECTION

VESSEL LENGTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
under 32 m	-	54	54	6 846	-	-	-	-	-	-	0.0	2 744.00	0.0
32 - 62 m	54	26	80	34 318	5 358	-	-	-	88	5 446	0.0	25 421.46	0.1
63 - 93 m	16	11	27	67 572	56 873	-	-	-	4 468	61 341	0.2	69 815.47	0.2
94 - 124 m	49	69	118	529 042	250 214	-	-	-	33 967	284 181	0.8	372 612.10	1.0
125 - 155 m	119	101	220	1 761 472	797 884	-	-	1 770	120 148	919 802	2.6	1 190 310.86	3.3
156 - 186 m	133	59	192	2 853 521	701 389	14 846	-	1 961	949 336	1 667 532	4.8	3 213 368.64	8.9
187 - 217 m	50	39	89	1 424 910	700 327	5 396	-	-	195 599	901 322	2.6	1 265 343.15	3.5
over 217 m	370	282	652	11 072 044	8 614 495	235	-	10 548	515 652	9 140 930	26.2	10 693 575.98	29.5
Total Upbound	791	641	1 432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2	16 833 191.66	46.4
DOWNBOUND:													
under 32 m	2	49	51	7 885	-	-	-	-	-	-	0.0	2 437.79	0.0
32 - 62 m	54	25	79	34 418	6 379	-	-	-	-	6 379	0.0	29 058.39	0.1
63 - 93 m	10	20	30	70 569	44 816	-	-	-	2 374	47 190	0.1	48 386.39	0.1
94 - 124 m	100	19	119	531 361	543 549	87 346	-	-	18 347	649 242	1.9	653 761.51	1.8
125 - 155 m	159	63	222	1 767 677	871 814	254 686	79 300	3 297	106 598	1 315 695	3.8	1 386 635.17	3.8
156 - 186 m	175	15	190	2 821 518	408 149	1 031 538	44 849	2 896	1 103 018	2 590 450	7.4	3 916 796.49	10.8
187 - 217 m	83	6	89	1 423 350	198 537	986 907	35 300	-	342 020	1 562 764	4.5	1 737 562.31	4.8
over 217 m	637	10	647	10 988 698	2 571 903	13 063 891	-	-	122 375	15 758 169	45.1	11 640 776.46	32.1
Total Downbound	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 889	62.8	19 415 414.51	53.6
TOTALS:													
under 32 m	2	103	105	14 731	-	-	-	-	-	-	0.0	5 181.79	0.0
32 - 62 m	108	51	159	68 736	11 737	-	-	-	88	11 825	0.0	54 479.85	0.2
63 - 93 m	26	31	57	138 141	101 689	-	-	-	6 842	108 531	0.3	118 201.86	0.3
94 - 124 m	149	88	237	1 060 403	793 763	87 346	-	-	52 314	933 423	2.7	1 026 373.61	2.8
125 - 155 m	278	164	442	3 529 149	1 669 698	254 686	79 300	5 067	226 746	2 235 497	6.4	2 576 946.03	7.1
156 - 186 m	308	74	382	5 675 039	1 109 538	1 046 384	44 849	4 857	2 052 354	4 257 982	12.2	7 130 165.13	19.7
187 - 217 m	133	45	178	2 848 260	898 864	992 303	35 300	-	537 619	2 464 086	7.1	3 002 905.46	8.3
over 217 m	1 007	292	1 299	22 060 742	11 186 398	13 064 126	-	10 548	638 027	24 899 099	71.3	22 334 352.44	61.6
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

TRAFFIC BY VESSEL SIZE IN GROSS REGISTERED TONS
1991

TABLE 12M

MONTREAL-LAKE ONTARIO SECTION

GROSS REGISTERED TONS	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
UPBOUND:											
under 1000	55	78	133	40 489	5 358	-	-	-	236	5 594	0.0
1000 - 1999	11	8	19	31 594	26 858	-	-	-	421	27 279	0.1
2000 - 2999	2	6	8	23 710	7 913	-	-	-	-	7 913	0.0
3000 - 3999	18	36	54	199 738	71 196	-	-	55	11 899	83 150	0.2
4000 - 4999	31	30	61	282 145	166 513	-	-	-	20 266	186 779	0.5
5000 - 5999	25	29	54	304 156	185 834	-	-	-	-	185 834	0.5
6000 - 6999	21	9	30	195 590	111 471	-	-	-	36 721	148 192	0.4
7000 - 7999	13	13	26	197 497	83 742	-	-	1 047	18 207	102 996	0.3
8000 - 8999	26	20	46	392 648	91 510	91	-	856	46 955	139 412	0.4
9000 - 9999	20	33	53	507 146	131 656	55	-	1 348	4 193	137 252	0.4
10000 - 10999	8	6	14	145 303	88 320	-	-	-	-	88 320	0.3
11000 - 11999	19	9	28	318 936	163 770	-	-	-	8 485	172 255	0.5
12000 - 12999	17	-	17	211 297	76 926	-	-	-	80 517	157 443	0.5
13000 - 13999	21	12	33	454 366	342 105	-	-	-	25 503	367 608	1.1
14000 - 14999	41	26	67	981 525	701 621	14 700	-	-	111 969	828 290	2.4
15000 - 15999	101	104	205	3 225 999	2 072 764	5 396	-	11	196 860	2 275 031	6.5
16000 - 16999	160	144	304	4 989 666	3 208 956	117	-	111	406 770	3 615 954	10.4
17000 & over	202	78	280	5 247 920	3 590 027	118	-	10 851	850 256	4 451 252	12.8
Total Up	791	641	1 432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2
DOWNBOUND:											
under 1000	56	74	130	41 698	6 379	-	-	-	-	6 379	0.0
1000 - 1999	4	17	21	34 521	5 131	-	-	-	2 374	7 505	0.0
2000 - 2999	3	6	9	26 709	12 304	-	-	-	-	12 304	0.0
3000 - 3999	48	6	54	199 114	248 573	-	-	51	7 047	255 671	0.7
4000 - 4999	51	10	61	282 427	299 440	51 352	-	-	6 172	356 964	1.0
5000 - 5999	34	21	55	310 347	264 692	6 045	-	-	-	270 737	0.8
6000 - 6999	24	8	32	208 462	147 920	35 108	-	-	10 327	193 355	0.6
7000 - 7999	19	7	26	198 286	150 694	30 524	10 193	-	8 700	200 111	0.6
8000 - 8999	42	4	46	392 648	114 060	46 399	43 030	2 396	54 718	260 603	0.7
9000 - 9999	45	7	52	497 844	173 804	224 018	4	3 746	35 138	436 710	1.3
10000 - 10999	8	6	14	145 303	5 223	46 890	13 225	-	7 252	72 590	0.2
11000 - 11999	24	4	28	318 936	182 005	63 252	-	-	27 822	273 079	0.8
12000 - 12999	8	9	17	205 652	28 445	19 964	12 852	-	10 873	72 134	0.2
13000 - 13999	23	9	32	440 381	82 226	279 054	12 196	-	25 201	398 677	1.1
14000 - 14999	66	2	68	996 165	157 096	1 088 219	-	-	72 425	1 317 740	3.8
15000 - 15999	201	1	202	3 177 969	241 928	4 233 906	17 646	-	152 634	4 646 114	13.3
16000 - 16999	298	5	303	4 973 250	243 970	6 302 816	32 649	-	436 629	7 016 064	20.1
17000 & over	266	11	277	5 195 764	2 281 257	2 996 821	17 654	-	837 420	6 133 152	17.6
Total Down	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 889	62.8
TOTALS:											
under 1000	111	152	263	82 187	11 737	-	-	-	236	11 973	0.0
1000 - 1999	15	25	40	66 115	31 989	-	-	-	2 795	34 784	0.1
2000 - 2999	5	12	17	50 419	20 217	-	-	-	-	20 217	0.1
3000 - 3999	66	42	108	398 852	319 769	-	-	106	18 946	338 821	1.0
4000 - 4999	82	40	122	564 572	465 953	51 352	-	-	26 438	543 743	1.6
5000 - 5999	59	50	109	614 503	450 526	6 045	-	-	-	456 571	1.3
6000 - 6999	45	17	62	404 052	259 391	35 108	-	-	47 048	341 547	1.0
7000 - 7999	32	20	52	395 783	234 436	30 524	10 193	1 047	26 907	303 107	0.9
8000 - 8999	68	24	92	785 296	205 570	46 490	43 030	3 252	101 673	400 015	1.1
9000 - 9999	65	40	105	1 004 990	305 460	224 073	4	5 094	39 331	573 962	1.6
10000 - 10999	16	12	28	290 606	93 543	46 890	13 225	-	7 252	160 910	0.5
11000 - 11999	43	13	56	637 872	345 775	63 252	-	-	36 307	445 334	1.3
12000 - 12999	25	9	34	416 949	105 371	19 964	12 852	-	91 390	229 577	0.7
13000 - 13999	44	21	65	894 747	424 331	279 054	12 196	-	50 704	766 285	2.2
14000 - 14999	107	28	135	1 977 690	858 717	1 102 919	-	-	184 394	2 146 030	6.1
15000 - 15999	302	105	407	6 403 968	2 314 692	4 239 302	17 646	11	349 494	6 921 145	19.8
16000 - 16999	458	149	607	9 962 916	3 452 926	6 302 933	32 649	111	843 399	10 632 018	30.5
17000 & over	468	89	557	10 443 684	5 871 284	2 996 939	17 654	10 851	1 687 676	10 584 404	30.3
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0

TRAFFIC BY MONTH AND TYPE OF CARGO

1991

TABLE 13M

MONTREAL-LAKE ONTARIO SECTION

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
March	4	7	11	142 374	51 041	-	-	-	-	51 041	0.1	62 327.44	0.2
April	76	65	141	2 018 435	1 184 192	-	-	1 879	181 441	1 367 512	3.9	1 769 966 44	4.9
May	93	96	189	2 357 707	1 274 991	91	-	1 016	164 524	1 440 622	4.1	1 857 293.64	5.1
June	93	105	198	2 336 711	1 199 835	172	-	1 294	195 276	1 396 577	4.0	1 869 040.87	5.2
July	94	90	184	2 104 155	1 377 046	62	-	2 492	157 703	1 537 303	4.4	1 918 967.10	5.3
August	86	44	130	1 613 196	1 249 424	56	-	1 983	150 668	1 402 131	4.0	1 730 601.46	4.8
September	83	49	132	1 543 871	1 158 918	-	-	1 097	191 975	1 351 990	3.9	1 723 106.43	4.8
October	112	67	179	2 128 020	1 580 406	-	-	3 798	205 151	1 789 355	5.1	2 220 237.38	6.1
November	117	72	189	2 440 758	1 486 923	20 096	-	433	496 580	2 004 032	5.7	2 861 277.78	7.9
December	33	46	79	1 064 498	563 764	-	-	287	75 940	639 991	1.8	820 373.12	2.3
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Upbound	791	641	1 432	17 749 725	11 126 540	20 477	-	14 279	1 819 258	12 980 554	37.2	16 833 191.66	46.4
DOWNBOUND:													
March	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
April	110	8	118	1 687 494	439 279	1 706 613	4	379	168 397	2 314 672	6.6	2 013 703.31	5.6
May	165	24	189	2 357 977	506 200	2 274 504	-	290	207 350	2 988 344	8.6	2 563 002.63	7.1
June	174	31	205	2 491 153	661 232	2 119 182	13 225	509	388 916	3 183 064	9.1	3 086 167.37	8.5
July	137	28	165	1 943 095	584 357	1 705 977	10 553	564	191 855	2 493 306	7.1	2 218 018.06	6.1
August	117	29	146	1 670 779	581 256	1 171 956	39 476	952	166 245	1 959 885	5.6	1 837 492.55	5.1
September	116	19	135	1 634 675	537 966	1 106 585	65 957	1 687	129 819	1 842 014	5.3	1 621 509.93	4.5
October	141	26	167	2 013 328	459 464	1 918 686	-	1 313	147 191	2 526 654	7.2	2 131 375.97	5.9
November	148	22	170	2 042 621	498 315	1 938 134	10 193	440	135 552	2 582 634	7.4	2 162 531.67	6.0
December	112	20	132	1 804 354	377 078	1 482 731	20 041	59	159 407	2 039 316	5.8	1 781 613.02	4.9
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Downbound	1 220	207	1 427	17 645 476	4 645 147	15 424 368	159 449	6 193	1 694 732	21 929 889	62.8	19 415 414.51	53.6
TOTALS:													
March	4	7	11	142 374	51 041	-	-	-	-	51 041	0.1	62 327.44	0.2
April	186	73	259	3 705 929	1 623 471	1 706 613	4	2 258	349 838	3 682 184	10.5	3 783 669.75	10.4
May	258	120	378	4 715 684	1 781 191	2 274 595	-	1 306	371 874	4 428 966	12.7	4 420 296.27	12.2
June	267	136	403	4 827 864	1 861 067	2 119 354	13 225	1 803	584 192	4 579 641	13.1	4 955 208.24	13.7
July	231	118	349	4 047 250	1 961 403	1 706 039	10 553	3 056	349 558	4 030 609	11.5	4 136 985.16	11.4
August	203	73	276	3 283 975	1 830 680	1 172 012	39 476	2 935	316 913	3 362 016	9.6	3 568 094.01	9.8
September	199	68	267	3 178 546	1 696 884	1 106 585	65 957	2 784	321 794	3 194 004	9.1	3 344 616.36	9.2
October	253	93	346	4 141 348	2 039 870	1 918 686	-	5 111	352 342	4 316 009	12.4	4 351 613.35	12.0
November	265	94	359	4 483 379	1 985 238	1 958 230	10 193	873	632 132	4 586 666	13.1	5 023 809.45	13.9
December	145	66	211	2 868 852	940 842	1 482 731	20 041	346	235 347	2 679 307	7.7	2 601 986.14	7.2
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
GRAND TOTAL	2 011	848	2 859	35 395 201	15 771 687	15 444 845	159 449	20 472	3 513 990	34 910 443	100.0	36 248 606.17	100.0

TRAFFIC RESULTS
1959 - 1991

HISTORICAL TABLE 14M

MONTREAL-LAKE ONTARIO SECTION

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total
										$	$	$
1959	3 732	3 720	7 452	9 933 505	8 748 278	18 681 783	12 577 585	12 508 410	25 085 995	5 516 900	4 529 977	10 046 877
1960	3 445	3 424	6 869	7 966 552	10 458 683	18 425 235	12 609 246	12 522 004	25 131 250	4 529 504	5 579 555	10 109 059
1961	3 445	3 447	6 892	7 470 204	13 773 993	21 244 197	14 493 351	14 415 227	28 908 578	4 445 583	6 961 477	11 407 060
1962	3 170	3 181	6 351	9 869 712	13 348 410	23 218 122	15 472 804	15 538 657	31 011 461	5 688 163	6 886 612	12 574 775
1963	3 152	3 133	6 285	12 283 320	15 787 597	28 070 917	17 537 549	17 493 162	35 030 711	7 005 530	8 116 752	15 122 282
1964	3 383	3 396	6 779	16 806 727	18 853 823	35 660 550	20 266 121	20 322 026	40 588 147	9 394 046	9 691 201	19 085 247
1965	3 634	3 696	7 330	20 062 880	19 293 390	39 356 270	22 185 070	22 283 710	44 468 780	12 010 414	9 798 598	21 809 012
1966	3 666	3 675	7 341	23 381 538	21 296 726	44 678 264	25 051 331	24 966 394	50 017 725	13 613 843	10 720 519	24 334 362
1967	3 446	3 475	6 921	24 260 978	15 681 129	39 942 107	23 050 237	23 128 249	46 178 486	14 045 734	8 304 054	22 349 788
1968	3 270	3 306	6 576	27 566 575	15 936 424	43 502 999	23 968 459	24 043 967	48 012 426	16 509 868	8 378 997	24 888 865
1969	3 198	3 194	6 392	20 362 081	16 845 229	37 207 310	21 487 237	21 519 976	43 007 213	12 410 508	9 045 970	21 456 478
1970	3 122	3 158	6 280	22 897 783	23 523 651	46 421 434	22 538 319	22 591 596	45 129 915	13 427 323	12 031 904	25 459 227
1971	3 023	3 048	6 071	23 615 721	24 453 688	48 069 409	24 814 664	24 842 334	49 656 998	15 134 510	12 272 127	27 406 637
1972	2 977	2 985	5 962	23 119 000	25 557 430	48 676 430	25 124 503	25 089 415	50 213 918	14 569 703	12 731 386	27 301 089
1973	3 064	3 061	6 125	25 065 766	27 219 041	52 284 807	25 788 061	25 949 756	51 737 817	14 508 317	13 386 074	27 894 391
1974	2 140	2 120	4 260	20 870 412	19 178 567	40 048 979	18 975 796	19 057 417	38 033 213	11 742 003	9 577 814	21 319 817
1975	2 353	2 351	4 704	19 899 887	23 654 416	43 554 303	22 041 474	22 062 562	44 104 036	11 022 784	11 569 430	22 592 214
1976	2 426	2 433	4 859	26 143 114	23 205 325	49 348 439	24 111 968	24 155 231	48 267 199	14 178 101	11 635 123	25 813 224
1977	2 594	2 591	5 185	31 764 277	25 692 064	57 456 341	27 034 614	27 070 012	54 104 626	18 087 006	12 682 285	30 769 291
1978	2 640	2 622	5 262	24 854 039	32 088 641	56 942 680	29 421 326	29 238 061	58 659 387	17 373 230	15 837 793	33 211 023
1979	2 425	2 421	4 846	24 382 965	30 939 128	55 322 093	27 354 785	27 387 252	54 742 037	19 829 809	16 035 932	35 865 741
1980	2 482	2 476	4 958	14 925 615	34 528 494	49 454 109	28 092 501	28 258 082	56 350 583	13 253 210	19 145 125	32 398 335
1981	2 283	2 291	4 574	18 822 201	31 747 056	50 569 257	26 422 767	26 428 932	52 851 699	17 478 725	16 933 100	34 411 825
1982	2 147	2 156	4 303	11 149 898	31 665 416	42 815 314	25 716 121	25 798 862	51 514 983	12 588 296	20 744 385	33 332 681
1983	1 931	1 939	3 870	15 579 017	29 481 964	45 060 981	24 194 830	24 155 396	48 350 226	18 567 582	19 113 308	37 680 890
1984	1 878	1 881	3 759	18 636 683	28 868 773	47 505 456	24 133 253	24 198 087	48 331 340	22 956 821	18 642 079	41 598 900
1985	1 538	1 550	3 088	14 825 309	22 496 389	37 321 698	19 348 019	19 581 652	38 929 671	18 210 621	15 355 006	33 565 627
1986	1 663	1 644	3 307	14 646 185	22 935 623	37 581 808	20 702 503	20 768 506	41 471 009	18 086 324	15 968 059	34 054 383
1987	1 614	1 613	3 227	16 810 464	23 158 151	39 968 615	20 135 888	20 350 874	40 486 762	20 154 446	15 327 153	35 481 599
1988	1 576	1 566	3 142	18 654 260	21 903 409	40 557 669	19 505 633	19 433 211	38 938 844	22 224 901	15 134 091	37 358 992
1989	1 375	1 393	2 768	17 527 216	19 543 154	37 070 370	17 388 156	17 751 692	35 139 848	20 424 067	16 541 993	36 966 060
1990	1 389	1 379	2 768	17 647 222	19 008 717	36 655 939	17 004 251	16 884 323	33 888 574	21 286 221	15 683 644	36 969 865
1991	1 432	1 427	2 859	12 980 554	21 929 889	34 910 443	17 749 725	17 645 476	35 395 201	16 833 191	19 415 415	36 248 606
TOTAL	85 613	85 752	171 365	614 781 660	732 802 668	1 347 584 328	716 298 147	717 440 511	1 433 738 658	477 107 284	423 776 938	900 884 222

CARGO BY TARIFF CLASSIFICATION

1959 - 1991

HISTORICAL TABLE 15M

MONTREAL-LAKE ONTARIO SECTION

YEAR	BULK		GRAINS		GOVT. AID		CONTAINERS		GENERAL		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	16 912 625	90.5	-	0.0	-	0.0	-	0.0	1 769 158	9.5	18 681 783	100.0
1960	16 380 534	88.9	-	0.0	-	0.0	-	0.0	2 044 701	11.1	18 425 235	100.0
1961	19 362 530	91.1	-	0.0	-	0.0	-	0.0	1 881 667	8.9	21 244 197	100.0
1962	20 934 187	90.2	-	0.0	-	0.0	-	0.0	2 283 935	9.8	23 218 122	100.0
1963	25 403 072	90.5	-	0.0	-	0.0	-	0.0	2 667 845	9.5	28 070 917	100.0
1964	32 325 207	90.6	-	0.0	-	0.0	-	0.0	3 335 343	9.4	35 660 550	100.0
1965	34 294 717	87.1	-	0.0	-	0.0	-	0.0	5 061 553	12.9	39 356 270	100.0
1966	39 699 009	88.9	-	0.0	-	0.0	-	0.0	4 979 255	11.1	44 678 264	100.0
1967	34 532 794	86.5	-	0.0	-	0.0	-	0.0	5 409 313	13.5	39 942 107	100.0
1968	36 242 775	83.3	-	0.0	-	0.0	-	0.0	7 260 224	16.7	43 502 999	100.0
1969	30 807 438	82.8	-	0.0	-	0.0	-	0.0	6 399 872	17.2	37 207 310	100.0
1970	40 481 680	87.2	-	0.0	-	0.0	-	0.0	5 939 754	12.8	46 421 434	100.0
1971	40 252 577	83.7	-	0.0	-	0.0	-	0.0	7 816 832	16.3	48 069 409	100.0
1972	41 558 573	85.4	-	0.0	-	0.0	-	0.0	7 117 857	14.6	48 676 430	100.0
1973	47 000 157	89.9	-	0.0	-	0.0	-	0.0	5 284 650	10.1	52 284 807	100.0
1974	35 946 352	89.8	-	0.0	-	0.0	-	0.0	4 102 627	10.2	40 048 979	100.0
1975	40 272 182	92.5	-	0.0	-	0.0	-	0.0	3 282 121	7.5	43 554 303	100.0
1976	45 231 966	91.7	-	0.0	-	0.0	-	0.0	4 116 473	8.3	49 348 439	100.0
1977	51 294 573	89.3	-	0.0	-	0.0	-	0.0	6 161 768	10.7	57 456 341	100.0
1978	24 475 763	43.0	27 736 129	48.7	129 095	0.2	271 485	0.5	4 330 208	7.6	56 942 680	100.0
1979	26 537 818	48.0	24 716 522	44.7	158 942	0.3	229 229	0.4	3 679 582	6.7	55 322 093	100.0
1980	19 859 217	40.2	26 747 760	54.1	168 209	0.3	166 055	0.3	2 512 868	5.1	49 454 109	100.0
1981	22 403 159	44.3	24 453 200	48.4	242 632	0.5	64 746	0.1	3 405 520	6.7	50 569 257	100.0
1982	15 013 588	35.1	24 247 173	56.6	292 456	0.7	78 478	0.2	3 183 619	7.4	42 815 314	100.0
1983	17 158 894	38.1	24 262 669	53.8	294 379	0.7	60 073	0.1	3 284 966	7.3	45 060 981	100.0
1984	18 835 140	39.6	23 500 719	49.5	231 107	0.5	140 684	0.3	4 797 806	10.1	47 505 456	100.0
1985	16 638 709	44.6	16 374 978	43.9	261 917	0.7	113 671	0.3	3 932 423	10.5	37 321 698	100.0
1986	16 988 516	45.2	16 354 059	43.5	227 670	0.6	59 943	0.2	3 951 620	10.5	37 581 808	100.0
1987	17 387 886	43.5	18 324 137	45.8	211 044	0.5	42 945	0.1	4 002 603	10.0	39 968 615	100.0
1988	20 396 561	50.3	15 468 940	38.1	87 456	0.2	38 853	0.1	4 565 859	11.3	40 557 669	100.0
1989	21 010 319	56.7	11 448 020	30.9	168 750	0.4	31 728	0.1	4 411 553	11.9	37 070 370	100.0
1990	20 562 535	56.1	12 229 063	33.4	87 737	0.2	23 918	0.1	3 752 686	10.2	36 655 939	100.0
1991	15 771 687	45.2	15 444 845	44.2	159 449	0.4	20 472	0.1	3 513 990	10.1	34 910 443	100.0
TOTAL	921 972 740	68.4	281 308 214	20.9	2 720 843	0.2	1 342 280	0.1	140 240 251	10.4	1 347 584 328	100.0

TOTAL TOLLS REVENUE

1959 - 1991

HISTORICAL TABLE 16M

MONTREAL-LAKE ONTARIO SECTION

YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	Bulk	Grains	Govt. Aid	Con-tainers	General	Total				
	$	$	$	$	$	$	$	$	$	$
1959	7 331 954	NOT	NOT	NOT	1 728 977	9 060 931	978 909	NOT	7 037	10 046 877
1960	7 114 602	APPLICABLE	APPLICABLE	APPLICABLE	1 998 181	9 112 783	990 222	APPLICABLE	6 054	10 109 059
1961	8 414 049	-	-	-	1 839 790	10 253 839	1 139 634	-	13 587	11 407 060
1962	9 071 653	-	-	-	2 265 845	11 337 498	1 219 957	-	17 320	12 574 775
1963	11 074 332	-	-	-	2 646 716	13 721 048	1 383 788	-	17 446	15 122 282
1964	14 153 997	-	-	-	3 308 928	17 462 925	1 607 500	-	14 822	19 085 247
1965	15 011 515	-	-	-	5 021 322	20 032 837	1 760 730	-	15 445	21 809 012
1966	17 397 536	-	-	-	4 938 610	22 336 146	1 983 068	-	15 148	24 334 362
1967	15 096 582	-	-	-	5 365 115	20 461 697	1 828 439	-	59 652	22 349 788
1968	15 803 468	-	-	-	7 188 148	22 991 616	1 888 744	-	8 505	24 888 865
1969	13 424 451	-	-	-	6 331 797	19 756 248	1 689 016	-	11 214	21 456 478
1970	17 773 483	-	-	-	5 881 526	23 655 009	1 795 912	-	8 306	25 459 227
1971	17 677 538	-	-	-	7 748 999	25 426 537	1 974 733	-	5 367	27 406 637
1972	18 261 266	-	-	-	7 036 377	25 297 643	1 997 790	-	5 656	27 301 089
1973	20 608 149	-	-	-	5 236 108	25 844 257	2 042 408	-	7 726	27 894 391
1974	15 744 406	-	-	-	4 063 299	19 807 705	1 499 182	-	12 930	21 319 817
1975	17 612 142	-	-	-	3 234 974	20 847 116	1 735 862	-	9 236	22 592 214
1976	19 832 324	-	-	-	4 066 527	23 898 851	1 908 740	-	5 633	25 813 224
1977	22 528 087	-	-	-	6 094 584	28 622 671	2 140 978	-	5 642	30 769 291
1978	12 069 904	11 371 813	52 929	182 583	5 465 001	29 142 230	4 061 063	-	7 730	33 211 023
1979	16 253 029	10 133 774	65 157	154 741	5 459 472	32 066 173	3 793 081	-	6 487	35 865 741
1980	13 219 689	10 966 582	68 963	112 825	4 125 449	28 493 508	3 896 952	-	7 875	32 398 335
1981	14 977 551	10 025 813	99 479	43 356	5 596 334	30 742 533	3 661 658	-	7 634	34 411 825
1982	11 595 158	11 637 709	140 056	61 188	6 053 279	29 487 390	3 826 592	-	18 699	33 332 681
1983	14 309 062	12 615 852	153 066	50 868	6 704 465	33 833 313	3 829 563	-	18 014	37 680 890
1984	15 517 893	12 220 374	119 889	118 834	9 806 857	37 783 847	3 793 441	-	21 612	41 598 900
1985	13 688 440	8 514 974	136 105	96 081	8 045 094	30 480 694	3 058 865	-	26 068	33 565 627
1986	14 011 885	8 503 773	118 388	50 596	8 072 769	30 757 411	3 264 590	-	32 382	34 054 383
1987	14 403 203	9 526 102	109 636	36 356	8 184 021	32 259 318	3 186 952	-	35 329	35 481 599
1988	16 808 409	8 040 430	45 106	32 417	9 342 348	34 268 710	3 055 434	-	34 848	37 358 992
1989	18 170 250	6 181 117	-	27 408	9 460 333	33 839 108	3 092 111	-	34 841	36 966 060
1990	18 553 925	6 962 498	-	21 812	8 416 175	33 954 410	2 975 847	-	39 608	36 969 865
1991	15 077 580	9 260 708	-	20 063	8 358 403	32 716 754	3 487 729	-	44 123	36 248 606
TOTAL	492 587 512	135 961 519	1 108 774	1 009 128	189 085 823	819 752 756	80 549 490	-	581 976	900 884 222

VESSEL TRANSITS
1959 - 1991

HISTORICAL TABLE 17M

MONTREAL-LAKE ONTARIO SECTION

YEAR	UPBOUND CARGO TONNES	UPBOUND TRANSITS Loaded	UPBOUND TRANSITS Ballast	UPBOUND TRANSITS Total	DOWNBOUND CARGO TONNES	DOWNBOUND TRANSITS Loaded	DOWNBOUND TRANSITS Ballast	DOWNBOUND TRANSITS Total	TOTAL CARGO TONNES	TOTAL TRANSITS Loaded	TOTAL TRANSITS Ballast	TOTAL TRANSITS Total
1959	9 933 505	2 468	1 264	3 732	8 748 278	2 586	1 134	3 720	18 681 783	5 054	2 398	7 452
1960	7 966 552	2 097	1 348	3 445	10 458 683	2 416	1 008	3 424	18 425 235	4 513	2 356	6 869
1961	7 470 204	1 932	1 513	3 445	13 773 993	2 590	857	3 447	21 244 197	4 522	2 370	6 892
1962	9 869 712	2 042	1 128	3 170	13 348 410	2 360	821	3 181	23 218 122	4 402	1 949	6 351
1963	12 283 320	2 147	1 005	3 152	15 787 597	2 271	862	3 133	28 070 917	4 418	1 867	6 285
1964	16 806 727	2 468	915	3 383	18 853 823	2 563	833	3 396	35 660 550	5 031	1 748	6 779
1965	20 062 880	2 813	821	3 634	19 293 390	2 590	1 106	3 696	39 356 270	5 403	1 927	7 330
1966	23 381 538	2 981	685	3 666	21 296 726	2 597	1 078	3 675	44 678 264	5 578	1 763	7 341
1967	24 260 978	2 863	583	3 446	15 681 129	2 050	1 425	3 475	39 942 107	4 913	2 008	6 921
1968	27 566 575	2 898	372	3 270	15 936 424	1 917	1 389	3 306	43 502 999	4 815	1 761	6 576
1969	20 362 081	2 538	660	3 198	16 845 229	1 954	1 240	3 194	37 207 310	4 492	1 900	6 392
1970	22 897 783	2 487	635	3 122	23 523 651	2 140	1 018	3 158	46 421 434	4 627	1 653	6 280
1971	23 615 721	2 532	491	3 023	24 453 688	2 146	902	3 048	48 069 409	4 678	1 393	6 071
1972	23 119 000	2 407	570	2 977	25 557 430	2 172	813	2 985	48 676 430	4 579	1 383	5 962
1973	25 065 766	2 323	741	3 064	27 219 041	2 198	863	3 061	52 284 807	4 521	1 604	6 125
1974	20 870 412	1 697	443	2 140	19 178 567	1 525	595	2 120	40 048 979	3 222	1 038	4 260
1975	19 899 887	1 626	727	2 353	23 654 416	1 864	487	2 351	43 554 303	3 490	1 214	4 704
1976	26 143 114	1 898	528	2 426	23 205 325	1 893	540	2 433	49 348 439	3 791	1 068	4 859
1977	31 764 277	2 233	361	2 594	25 692 064	1 952	639	2 591	57 456 341	4 185	1 000	5 185
1978	24 854 039	1 769	871	2 640	32 088 641	2 231	391	2 622	56 942 680	4 000	1 262	5 262
1979	24 382 965	1 600	825	2 425	30 939 128	2 105	316	2 421	55 322 093	3 705	1 141	4 846
1980	14 925 615	937	1 545	2 482	34 528 494	2 310	166	2 476	49 454 109	3 247	1 711	4 958
1981	18 822 201	1 168	1 115	2 283	31 747 056	2 035	256	2 291	50 569 257	3 203	1 371	4 574
1982	11 149 698	717	1 430	2 147	31 665 416	1 978	178	2 156	42 815 314	2 695	1 608	4 303
1983	15 579 017	955	976	1 931	29 481 964	1 770	169	1 939	45 060 981	2 725	1 145	3 870
1984	18 636 683	1 119	759	1 878	28 868 773	1 694	187	1 881	47 505 456	2 813	946	3 759
1985	14 825 309	924	614	1 538	22 496 389	1 361	189	1 550	37 321 698	2 285	803	3 088
1986	14 646 185	971	692	1 663	22 935 623	1 404	240	1 644	37 581 808	2 375	932	3 307
1987	16 810 464	1 054	560	1 614	23 158 151	1 313	300	1 613	39 968 615	2 367	860	3 227
1988	18 654 260	1 131	445	1 576	21 903 409	1 251	315	1 566	40 557 669	2 382	760	3 142
1989	17 527 216	995	380	1 375	19 543 154	1 150	243	1 393	37 070 370	2 145	623	2 768
1990	17 647 222	999	390	1 389	19 008 717	1 105	274	1 379	36 655 939	2 104	664	2 768
1991	12 980 554	791	641	1 432	21 929 889	1 220	207	1 427	34 910 443	2 011	848	2 859
TOTAL	614 781 660	59 580	26 033	85 613	732 802 668	64 711	21 041	85 752	1 347 584 328	124 291	47 074	171 365

VESSEL ANALYSIS
1959 - 1991

HISTORICAL TABLE 18M

MONTREAL-LAKE ONTARIO SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL	
	PERCENT OF TOTAL		Percent Loaded	Tonnes/ Loaded Transit	PERCENT OF TOTAL		Percent Loaded	Tonnes/ Loaded Transit	Percent Loaded	Tonnes/ Loaded Transit
	Tonnes	Transits			Tonnes	Transits				
	%	%	%		%	%	%		%	
1959	53.2	50.1	66.1	4 025	46.8	49.9	69.5	3 383	67.8	3 696
1960	43.2	50.2	60.9	3 799	56.8	49.8	70.6	4 329	65.7	4 083
1961	35.2	50.0	56.1	3 867	64.8	50.0	75.1	5 318	65.6	4 698
1962	42.5	49.9	64.4	4 833	57.5	50.1	74.2	5 656	69.3	5 274
1963	43.8	50.2	68.1	5 721	56.2	49.8	72.5	6 952	70.3	6 354
1964	47.1	49.9	73.0	6 810	52.9	50.1	75.5	7 356	74.2	7 088
1965	51.0	49.6	77.4	7 132	49.0	50.4	70.1	7 449	73.7	7 284
1966	52.3	49.9	81.3	7 844	47.7	50.1	70.7	8 201	76.0	8 010
1967	60.7	49.8	83.1	8 474	39.3	50.2	59.0	7 649	71.0	8 130
1968	63.4	49.7	88.6	9 512	36.6	50.3	58.0	8 313	73.2	9 035
1969	54.7	50.0	79.4	8 023	45.3	50.0	61.2	8 621	70.3	8 283
1970	49.3	49.7	79.7	9 207	50.7	50.3	67.8	10 992	73.7	10 033
1971	49.1	49.8	83.8	9 327	50.9	50.2	70.4	11 395	77.1	10 276
1972	47.5	49.9	80.9	9 605	52.5	50.1	72.8	11 767	76.8	10 630
1973	47.9	50.0	75.8	10 790	52.1	50.0	71.8	12 384	73.8	11 565
1974	52.1	50.2	79.3	12 298	47.9	49.8	71.9	12 576	75.6	12 430
1975	45.7	50.0	69.1	12 239	54.3	50.0	79.3	12 690	74.2	12 480
1976	53.0	49.9	78.2	13 774	47.0	50.1	77.8	12 258	78.0	13 017
1977	55.3	50.0	86.1	14 225	44.7	50.0	75.3	13 162	80.7	13 729
1978	43.6	50.2	67.0	14 050	56.4	49.8	85.1	14 383	76.0	14 236
1979	44.1	50.0	66.0	15 239	55.9	50.0	86.9	14 698	76.5	14 932
1980	30.2	50.1	37.8	15 929	69.8	49.9	93.3	14 947	65.5	15 231
1981	37.2	49.9	51.2	16 115	62.8	50.1	88.8	15 601	70.0	15 788
1982	26.0	49.9	33.4	15 551	74.0	50.1	91.7	16 009	62.6	15 887
1983	34.6	49.9	49.5	16 313	65.4	50.1	91.3	16 656	70.4	16 536
1984	39.2	50.0	59.6	16 655	60.8	50.0	90.1	17 042	74.8	16 888
1985	39.7	49.8	60.1	16 045	60.3	50.2	87.8	16 529	74.0	16 333
1986	39.0	50.3	58.3	15 084	61.0	49.7	85.4	16 336	71.8	15 824
1987	42.1	50.0	65.3	15 949	57.9	50.0	81.4	17 638	73.3	16 886
1988	46.0	50.2	71.8	16 494	54.0	49.8	79.9	17 509	75.8	17 027
1989	47.3	49.7	72.4	17 615	52.7	50.3	82.6	16 994	77.5	17 282
1990	48.1	50.2	71.9	17 665	51.9	49.8	80.1	17 202	76.0	17 422
1991	37.2	50.1	55.2	16 410	62.8	49.9	85.5	17 965	70.3	17 360
TOTAL	45.6	50.0	69.6	10 319	54.4	50.0	75.5	11 324	72.5	10 850

CARGO BY TRANSIT AND VESSEL
1959 - 1991

HISTORICAL TABLE 19M

MONTREAL-LAKE ONTARIO SECTION

	TYPE OF TRANSIT						CLASS OF VESSEL				TYPE OF VESSEL					
	OVERSEAS		INLAND		COASTAL		OCEAN		LAKER		CARGO		TANKER		TUG & BARGE	
YEAR	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	5 897 349	31.6	12 784 434	68.4	-	0.0	5 897 349	31.6	12 784 434	68.4	16 656 027	89.2	1 993 132	10.7	32 624	0.2
1960	7 205 508	39.1	11 219 728	60.9	-	0.0	7 205 508	39.1	11 219 728	60.9	15 923 216	86.4	2 435 425	13.2	66 595	0.4
1961	6 665 353	31.4	14 578 844	68.6	-	0.0	6 665 353	31.4	14 578 844	68.6	19 061 074	89.7	2 111 226	9.9	71 897	0.3
1962	8 179 202	35.2	15 038 920	64.8	-	0.0	8 179 202	35.2	15 038 920	64.8	21 301 110	91.7	1 883 774	8.1	33 238	0.1
1963	7 270 393	25.9	20 800 523	74.1	-	0.0	7 270 393	25.9	20 800 523	74.1	26 009 080	92.7	2 051 862	7.3	9 974	0.0
1964	9 396 157	26.3	26 264 393	73.7	-	0.0	9 396 157	26.3	26 264 393	73.7	33 124 065	92.9	2 515 655	7.1	20 830	0.1
1965	12 473 585	31.7	26 882 685	68.3	-	0.0	12 473 585	31.7	26 882 685	68.3	36 201 656	92.0	3 141 360	8.0	13 254	0.0
1966	13 051 335	29.2	31 626 930	70.8	-	0.0	13 051 335	29.2	31 626 930	70.8	41 559 750	93.0	3 101 186	6.9	17 329	0.0
1967	12 267 777	30.7	26 359 800	66.0	1 314 530	3.3	13 582 307	34.0	26 359 800	66.0	36 983 137	92.6	2 932 876	7.3	26 094	0.1
1968	13 831 259	31.8	28 602 810	65.7	1 068 930	2.5	14 900 189	34.3	28 602 810	65.7	40 526 651	93.2	2 953 762	6.8	22 586	0.1
1969	13 376 441	36.0	23 099 826	62.1	731 044	2.0	14 107 485	37.9	23 099 826	62.1	33 512 545	90.1	3 691 618	9.9	3 148	0.0
1970	12 985 069	28.0	32 862 719	70.8	573 646	1.2	13 558 715	29.2	32 862 719	70.8	42 296 844	91.1	4 096 929	8.8	27 661	0.1
1971	17 515 146	36.4	29 834 286	62.1	719 977	1.5	18 235 123	37.9	29 834 286	62.1	44 730 750	93.1	3 321 364	6.9	17 295	0.0
1972	18 625 069	38.3	29 397 071	60.4	654 289	1.3	19 279 358	39.6	29 397 071	60.4	44 428 475	91.3	3 816 785	7.8	431 169	0.9
1973	16 313 793	31.2	35 204 367	67.3	766 647	1.5	17 080 440	32.7	35 204 367	67.3	47 056 661	90.0	4 324 638	8.3	903 508	1.7
1974	10 679 072	26.7	28 668 970	71.6	700 937	1.8	11 380 009	28.4	28 668 970	71.6	36 185 581	90.4	3 196 497	8.0	666 901	1.7
1975	11 489 003	26.4	31 148 292	71.5	917 008	2.1	12 406 011	28.5	31 148 292	71.5	40 693 881	93.4	2 295 437	5.3	564 985	1.3
1976	13 324 917	27.0	35 225 785	71.4	797 737	1.6	14 122 654	28.6	35 225 785	71.4	46 859 785	95.0	1 742 068	3.5	746 586	1.5
1977	17 733 483	30.9	38 293 748	66.6	1 429 109	2.5	19 162 592	33.4	38 293 748	66.6	54 499 463	94.9	1 702 940	3.0	1 253 937	2.2
1978	21 152 474	37.1	33 866 108	59.5	1 924 098	3.4	23 076 572	40.5	33 866 108	59.5	53 700 654	94.3	2 488 012	4.4	754 014	1.3
1979	18 607 911	33.6	35 157 287	63.6	1 556 895	2.8	20 164 806	36.4	35 157 287	63.6	51 720 937	93.5	2 580 991	4.7	1 020 165	1.8
1980	13 681 019	27.7	34 736 797	70.2	1 036 293	2.1	14 717 312	29.8	34 736 797	70.2	46 515 056	94.1	2 426 899	4.9	512 154	1.0
1981	13 237 039	26.2	36 401 653	72.0	930 565	1.8	14 167 604	28.0	36 401 653	72.0	47 414 230	93.8	2 771 549	5.5	383 478	0.8
1982	12 826 010	30.0	29 141 734	68.1	847 570	2.0	13 673 580	31.9	29 141 734	68.1	40 423 087	94.4	2 333 854	5.5	58 373	0.1
1983	12 642 864	28.1	31 414 382	69.7	1 003 735	2.2	13 646 599	30.3	31 414 382	69.7	42 826 376	95.0	2 184 630	4.8	49 975	0.1
1984	15 040 063	31.7	31 356 816	66.0	1 108 577	2.3	16 148 640	34.0	31 356 816	66.0	45 549 288	95.9	1 895 266	4.0	60 902	0.1
1985	12 207 815	32.7	23 478 510	62.9	1 635 373	4.4	13 843 188	37.1	23 478 510	62.9	35 650 593	95.5	1 635 326	4.4	35 779	0.1
1986	13 158 964	35.0	22 854 004	60.8	1 568 840	4.2	14 727 804	39.2	22 854 004	60.8	35 553 827	94.6	1 999 046	5.3	28 935	0.1
1987	12 879 495	32.2	25 484 489	63.8	1 604 631	4.0	14 484 126	36.2	25 484 489	63.8	38 192 962	95.6	1 629 206	4.1	146 447	0.4
1988	13 352 152	32.9	25 995 478	64.1	1 210 039	3.0	14 562 191	35.9	25 995 478	64.1	38 158 987	94.1	2 312 981	5.7	85 701	0.2
1989	11 950 884	32.2	23 963 429	64.6	1 156 057	3.1	13 106 941	35.4	23 963 429	64.6	34 961 397	94.3	2 026 789	5.5	82 184	0.2
1990	9 717 126	26.5	25 361 389	69.2	1 577 424	4.3	11 294 550	30.8	25 361 389	69.2	34 247 850	93.4	2 307 002	6.3	101 087	0.3
1991	8 346 823	23.9	25 061 427	71.8	1 502 193	4.3	9 849 016	28.2	25 061 427	71.8	32 769 139	93.9	1 753 226	5.0	388 078	1.1
TOTAL	417 080 550	31.0	902 167 634	66.9	28 336 144	2.1	445 416 694	33.1	902 167 634	66.9	1 255 294 134	93.2	83 653 311	6.2	8 636 883	0.6

TRAFFIC BY VESSEL LENGTH
1959 - 1991

HISTORICAL TABLE 20M

MONTREAL - LAKE ONTARIO SECTION

	TRANSITS								CARGO TONNES							
YEAR	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	Over 217m	Total	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	Over 217m	Total
1959	1 359	3 755	844	781	329	304	80	7 452	52 456	6 695 713	2 277 514	3 073 701	2 341 663	3 276 797	963 939	18 681 783
1960	1 011	3 031	999	966	557	204	101	6 869	51 211	4 760 705	2 584 835	3 833 378	3 622 905	2 224 088	1 348 114	18 425 236
1961	769	2 624	1 186	1 289	575	274	175	6 892	39 963	4 165 137	3 067 828	4 830 236	3 448 580	3 020 731	2 671 722	21 244 197
1962	580	1 975	1 222	1 378	626	320	250	6 351	26 858	3 263 613	3 198 623	5 462 054	3 959 808	3 531 101	3 776 065	23 218 122
1963	616	1 568	1 173	1 375	679	487	387	6 285	36 044	2 647 216	3 028 316	5 290 972	4 294 049	6 236 943	6 537 376	28 070 916
1964	582	1 418	1 237	1 571	909	632	430	6 779	41 071	2 313 185	3 108 606	6 191 661	6 384 462	8 404 960	9 216 605	35 660 550
1965	816	1 317	1 418	1 577	1 099	570	533	7 330	45 379	2 190 754	3 625 711	6 744 073	8 599 954	7 797 486	10 352 913	39 356 270
1966	556	1 170	1 439	1 537	1 223	750	666	7 341	49 328	2 028 321	3 438 663	6 527 474	9 975 379	9 509 933	13 149 167	44 678 265
1967	718	899	1 395	1 311	1 094	769	735	6 921	76 051	1 568 338	3 359 026	5 101 351	8 283 246	8 581 821	12 972 274	39 942 107
1968	623	879	1 112	1 181	1 115	758	908	6 576	71 980	1 477 193	2 959 323	4 957 350	9 468 067	9 028 674	15 540 412	43 502 999
1969	795	909	1 192	1 234	1 048	459	755	6 392	48 912	1 439 120	3 062 048	4 624 140	8 598 574	5 810 005	13 624 512	37 207 311
1970	640	828	1 168	1 135	1 086	532	891	6 280	29 268	1 521 615	3 264 355	4 699 825	9 569 901	7 569 614	19 766 856	46 421 434
1971	318	661	1 132	1 190	1 299	614	857	6 071	37 537	1 041 829	3 057 027	5 555 321	11 555 626	8 352 245	18 469 824	48 069 409
1972	307	685	957	1 153	1 421	655	784	5 962	39 602	1 102 659	2 744 047	5 480 002	12 734 265	9 099 920	17 475 934	48 676 429
1973	364	707	1 050	1 013	1 310	820	861	6 125	21 643	1 154 509	3 364 802	5 320 783	11 442 303	11 159 949	19 820 818	52 284 807
1974	301	358	692	582	923	676	728	4 260	33 343	472 816	2 203 524	2 885 807	8 274 346	9 758 175	16 420 968	40 048 979
1975	304	232	683	796	1 022	807	860	4 704	41 185	284 220	1 972 575	3 384 138	8 659 564	10 864 468	18 348 153	43 554 303
1976	269	158	617	777	1 054	944	1 040	4 859	15 732	156 080	1 874 200	3 345 104	10 061 819	12 999 099	20 896 405	49 348 439
1977	270	212	634	800	1 400	878	991	5 185	13 866	287 989	2 168 300	3 983 524	16 472 445	13 766 149	20 764 067	57 456 340
1978	172	127	650	877	1 641	807	988	5 262	5 646	150 835	2 321 528	4 952 838	17 069 099	11 511 697	20 931 037	56 942 680
1979	170	139	467	901	1 447	735	987	4 846	4 108	210 471	1 598 802	5 276 042	15 085 964	11 003 876	22 142 830	55 322 093
1980	166	144	476	826	1 429	748	1 169	4 958	2 820	235 942	1 606 834	4 298 239	11 165 857	8 670 498	23 473 919	49 454 109
1981	184	110	478	644	1 169	741	1 248	4 574	2 354	184 723	1 585 425	3 764 266	10 389 927	9 518 149	25 124 413	50 569 257
1982	195	54	402	693	1 078	592	1 289	4 303	8 497	71 784	1 231 021	3 486 034	8 623 300	7 016 867	22 377 811	42 815 314
1983	165	53	371	535	904	471	1 371	3 870	4 676	66 101	1 369 789	2 978 461	8 060 593	5 889 031	26 692 330	45 060 981
1984	171	50	343	517	851	360	1 467	3 759	5 455	68 751	1 309 258	3 074 093	9 209 734	4 962 787	28 875 378	47 505 456
1985	195	49	314	429	657	303	1 141	3 088	3 289	41 646	1 313 158	2 279 661	7 277 954	3 554 743	22 851 247	37 321 698
1986	250	53	264	526	726	335	1 153	3 307	2 189	42 065	1 034 027	2 731 919	7 820 257	3 833 099	22 118 252	37 581 808
1987	276	102	262	398	617	321	1 251	3 227	7 010	141 707	1 082 612	2 243 223	7 404 683	4 039 151	25 050 229	39 968 615
1988	269	72	272	451	585	298	1 195	3 142	8 280	107 758	1 136 772	2 480 048	6 915 207	4 185 403	25 724 201	40 557 669
1989	235	48	204	388	554	269	1 070	2 768	6 908	82 416	859 465	2 275 227	6 245 953	3 865 872	23 734 529	37 070 370
1990	292	56	205	447	398	232	1 138	2 768	16 262	96 118	835 197	2 475 005	4 714 002	3 403 777	25 115 578	36 655 939
1991	264	57	237	442	382	178	1 299	2 859	11 825	108 531	933 423	2 235 497	4 257 982	2 464 086	24 899 099	34 910 443
TOTAL	14 202	24 500	25 095	29 720	31 207	17 843	28 798	171 365	860 748	40 179 860	72 576 634	135 841 447	281 987 468	234 911 194	581 226 977	1 347 584 328

COMMODITY GROUPS
1959 - 1991

HISTORICAL TABLE 21M

MONTREAL - LAKE ONTARIO SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		PACKAGE FREIGHT		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	6 830 789	36.6	178 899	1.0	7 409 667	39.7	275 569	1.5	3 526 506	18.9	460 353	2.5	18 681 783	100.0
1960	7 457 469	40.5	203 898	1.1	5 875 359	31.9	257 990	1.4	4 127 165	22.4	503 355	2.7	18 425 236	100.0
1961	9 683 584	45.6	251 453	1.2	5 524 657	26.0	187 193	0.9	5 038 380	23.7	558 930	2.6	21 244 197	100.0
1962	10 281 833	44.3	278 837	1.2	7 429 858	32.0	228 968	1.0	4 434 191	19.1	564 435	2.4	23 218 122	100.0
1963	12 531 837	44.6	367 316	1.3	9 351 041	33.3	281 888	1.0	5 036 141	17.9	502 693	1.8	28 070 916	100.0
1964	15 368 230	43.1	489 837	1.4	12 857 268	36.1	305 268	0.9	6 072 986	17.0	566 961	1.6	35 660 550	100.0
1965	15 997 319	40.6	385 678	1.0	13 850 576	35.2	268 267	0.7	8 290 421	21.1	564 009	1.4	39 356 270	100.0
1966	18 144 613	40.6	352 685	0.8	16 691 053	37.4	359 441	0.8	8 603 537	19.3	526 936	1.2	44 678 265	100.0
1967	12 419 089	31.1	363 900	0.9	17 505 477	43.8	356 107	0.9	8 970 941	22.5	326 593	0.8	39 942 107	100.0
1968	12 279 678	28.2	330 234	0.8	19 150 316	44.0	383 129	0.9	10 902 319	25.1	457 323	1.1	43 502 999	100.0
1969	11 400 922	30.6	315 558	0.8	13 016 108	35.0	322 364	0.9	11 734 073	31.5	418 286	1.1	37 207 311	100.0
1970	17 961 480	38.7	333 023	0.7	15 955 716	34.4	255 851	0.6	11 535 241	24.8	380 123	0.8	46 421 434	100.0
1971	20 495 174	42.6	388 634	0.8	14 649 825	30.5	333 195	0.7	11 835 217	24.6	367 364	0.8	48 069 409	100.0
1972	21 390 755	43.9	302 643	0.6	13 965 088	28.7	281 676	0.6	12 559 825	25.8	176 442	0.4	48 676 429	100.0
1973	22 072 903	42.2	260 861	0.5	17 850 383	34.1	169 713	0.3	11 859 342	22.7	71 605	0.1	52 284 807	100.0
1974	14 672 142	36.6	230 774	0.6	17 327 687	43.3	93 671	0.2	7 699 376	19.2	25 329	0.1	40 048 979	100.0
1975	19 440 779	44.6	140 009	0.3	16 530 527	38.0	109 771	0.3	7 308 691	16.8	24 526	0.1	43 554 303	100.0
1976	18 755 125	38.0	240 764	0.5	22 504 977	45.6	75 029	0.2	7 733 394	15.7	39 150	0.1	49 348 439	100.0
1977	21 815 530	38.0	228 391	0.4	25 033 807	43.6	99 071	0.2	10 246 887	17.8	32 654	0.1	57 456 340	100.0
1978	27 885 242	49.0	182 675	0.3	19 084 040	33.5	118 074	0.2	9 631 369	16.9	41 280	0.1	56 942 680	100.0
1979	24 919 208	45.0	156 980	0.3	20 404 400	36.9	82 178	0.1	9 736 697	17.6	22 630	0.0	55 322 093	100.0
1980	26 920 476	54.4	182 346	0.4	14 891 195	30.1	56 087	0.1	7 386 038	14.9	17 967	0.0	49 454 109	100.0
1981	24 673 525	48.8	185 196	0.4	17 857 148	35.3	44 299	0.1	7 801 251	15.4	7 838	0.0	50 569 257	100.0
1982	24 515 880	57.3	134 682	0.3	10 762 770	25.1	24 026	0.1	7 377 956	17.2	-	0.0	42 815 314	100.0
1983	24 449 080	54.3	95 902	0.2	13 081 176	29.0	24 164	0.1	7 410 659	16.4	-	0.0	45 060 981	100.0
1984	23 649 862	49.8	85 109	0.2	14 802 071	31.2	70 517	0.1	8 897 897	18.7	-	0.0	47 505 456	100.0
1985	16 486 803	44.2	90 157	0.2	12 491 239	33.5	33 555	0.1	8 219 944	22.0	-	0.0	37 321 698	100.0
1986	16 490 065	43.9	67 872	0.2	12 253 937	32.6	7 375	0.0	8 762 559	23.3	-	0.0	37 581 808	100.0
1987	18 454 108	46.2	54 982	0.1	13 219 140	33.1	10 987	0.0	8 229 398	20.6	-	0.0	39 968 615	100.0
1988	15 545 348	38.3	73 483	0.2	16 220 120	40.0	30 228	0.1	8 688 490	21.4	-	0.0	40 557 669	100.0
1989	11 669 000	31.5	71 394	0.2	16 774 670	45.3	47 967	0.1	8 507 339	22.9	-	0.0	37 070 370	100.0
1990	12 387 373	33.8	45 992	0.1	16 543 066	45.1	64 676	0.2	7 614 832	20.8	-	0.0	36 655 939	100.0
1991	15 532 704	44.5	51 270	0.1	12 362 544	35.4	27 619	0.1	6 936 306	19.9	-	0.0	34 910 443	100.0
TOTAL	572 577 925	42.5	7 121 434	0.5	483 226 906	35.9	5 285 913	0.4	272 715 368	20.2	6 656 782	0.5	1 347 584 328	100.0

SELECTED U.S. GRAINS

1959 - 1991

HISTORICAL TABLE 22M

MONTREAL-LAKE ONTARIO SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	444 329	2.4	799 945	4.3	22 558	0.1	403 569	2.2	533 572	2.9	143 386	0.8	162 137	0.9	-	0.0	2 509 496	13.4
1960	631 892	3.4	952 811	5.2	77 113	0.4	290 575	1.6	517 372	2.8	441 119	2.4	80 547	0.4	-	0.0	2 991 429	16.2
1961	1 163 344	5.5	1 421 950	6.7	54 249	0.3	76 976	0.4	256 290	1.2	400 369	1.9	72 363	0.3	-	0.0	3 445 541	16.2
1962	817 875	3.5	1 944 008	8.4	244 657	1.1	389 572	1.7	647 457	2.8	632 720	2.7	98 370	0.4	-	0.0	4 774 659	20.6
1963	1 249 345	4.5	2 392 559	8.5	211 086	0.8	86 811	0.3	532 377	1.9	574 083	2.0	85 171	0.3	-	0.0	5 131 432	18.3
1964	809 221	2.3	2 905 038	8.1	71 024	0.2	54 866	0.2	687 665	1.9	868 192	2.4	144 532	0.4	-	0.0	5 540 538	15.5
1965	1 109 330	2.8	3 294 033	8.4	34 533	0.1	314 753	0.8	657 395	1.7	1 136 160	2.9	73 143	0.2	-	0.0	6 619 347	16.8
1966	1 520 708	3.4	3 039 049	6.8	93 405	0.2	369 598	0.8	515 254	1.2	1 045 231	2.3	143 134	0.3	-	0.0	6 726 379	15.1
1967	1 119 773	2.8	1 881 877	4.7	45 839	0.1	100 435	0.3	317 575	0.8	759 552	1.9	146 391	0.4	-	0.0	4 371 442	10.9
1968	1 533 785	3.5	2 868 570	6.6	39 251	0.1	37 112	0.1	122 847	0.3	1 127 774	2.6	199 074	0.5	-	0.0	5 928 413	13.6
1969	1 229 554	3.3	3 075 734	8.3	24 275	0.1	2 185	0.0	69 880	0.2	1 378 579	3.7	181 402	0.5	-	0.0	5 961 609	16.0
1970	1 535 257	3.3	2 575 550	5.5	864	0.0	203 140	0.4	999 305	2.2	2 205 342	4.8	58 710	0.1	-	0.0	7 578 168	16.3
1971	1 427 649	3.0	3 012 593	6.3	124 290	0.3	36 782	0.1	421 332	0.9	2 594 839	5.4	26 088	0.1	-	0.0	7 643 573	15.9
1972	2 182 496	4.5	3 271 754	6.7	3 907	0.0	93 396	0.2	854 825	1.8	1 427 652	2.9	259 647	0.5	-	0.0	8 093 677	16.6
1973	3 487 434	6.7	3 544 948	6.8	586 196	1.1	629 029	1.2	1 162 678	2.2	1 471 727	2.8	5 498	0.0	-	0.0	10 887 510	20.8
1974	1 622 560	4.1	2 503 352	6.3	210 099	0.5	309 893	0.8	323 909	0.8	911 774	2.3	100	0.0	-	0.0	5 881 687	14.7
1975	3 576 444	8.2	2 707 189	6.2	3 627	0.0	131 648	0.3	158 327	0.4	1 156 977	2.7	16 803	0.0	-	0.0	7 751 015	17.8
1976	1 588 121	3.2	3 808 618	7.7	3 289	0.0	126 465	0.3	610 958	1.2	1 082 785	2.2	5 742	0.0	-	0.0	7 225 978	14.6
1977	2 938 824	5.1	3 479 895	6.1	-	0.0	125 110	0.2	920 852	1.6	1 349 160	2.3	25 456	0.0	-	0.0	8 839 297	15.4
1978	5 531 295	9.7	5 826 521	10.2	-	0.0	126 331	0.2	270 413	0.5	2 152 349	3.8	11 965	0.0	-	0.0	13 918 874	24.4
1979	4 061 266	7.3	6 869 035	12.4	60 066	0.1	3 698	0.0	288 469	0.5	1 430 693	2.6	-	0.0	-	0.0	12 713 227	23.0
1980	3 556 167	7.2	5 444 933	11.0	137 520	0.3	36 590	0.1	680 577	1.4	1 240 782	2.5	2 215	0.0	1 205 564	2.4	12 304 348	24.9
1981	3 480 645	6.9	3 656 771	7.2	47 253	0.1	27 711	0.1	837 264	1.7	1 533 435	3.0	13 227	0.0	1 301 072	2.6	10 897 378	21.5
1982	2 856 250	6.7	2 939 988	6.9	9 670	0.0	7 057	0.0	354 808	0.8	982 526	2.3	14 291	0.0	1 140 147	2.7	8 304 737	19.4
1983	2 824 695	6.3	2 083 258	4.6	23 370	0.1	950	0.0	831 164	1.8	270 977	0.6	1 025	0.0	643 709	1.4	6 679 148	14.8
1984	3 124 417	6.6	2 257 653	4.8	8 401	0.0	3 052	0.0	608 831	1.3	826 106	1.7	5 180	0.0	755 960	1.6	7 589 600	16.0
1985	1 958 906	5.2	1 938 864	5.2	-	0.0	-	0.0	132 080	0.4	660 270	1.8	-	0.0	378 552	1.0	5 068 672	13.6
1986	2 324 945	6.2	692 382	1.8	5 500	0.0	-	0.0	332 051	0.9	1 041 258	2.8	31 504	0.1	193 957	0.5	4 621 597	12.3
1987	1 703 876	4.3	1 718 123	4.3	5 207	0.0	14 251	0.0	464 631	1.2	1 018 785	2.5	-	0.0	131 637	0.3	5 056 510	12.7
1988	2 046 771	5.0	2 022 111	5.0	10 410	0.0	-	0.0	599 748	1.5	597 140	1.5	-	0.0	14 106	0.0	5 290 286	13.0
1989	2 203 974	5.9	1 959 943	5.3	7 704	0.0	-	0.0	939 432	2.5	625 055	1.7	-	0.0	-	0.0	5 736 108	15.5
1990	1 871 197	5.1	1 018 239	2.8	-	0.0	-	0.0	846 871	2.3	234 925	0.6	-	0.0	-	0.0	3 971 232	10.8
1991	1 331 577	3.8	993 198	2.8	-	0.0	-	0.0	533 535	1.5	365 474	1.0	-	0.0	32 609	0.1	3 256 393	9.3
TOTAL	68 863 922	5.1	88 900 492	6.6	2 165 363	0.2	4 001 555	0.3	18 029 744	1.3	33 687 196	2.5	1 863 715	0.1	5 797 313	0.4	223 309 300	16.6

SELECTED CANADIAN GRAINS
1959 - 1991

HISTORICAL TABLE 23M

MONTREAL-LAKE ONTARIO SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	2 706 061	14.5	61 387	0.3	2 231	0.0	260 258	1.4	504 670	2.7	55 682	0.3	143 479	0.8	-	0.0	3 733 768	20.0
1960	2 864 328	15.5	46 774	0.3	7 605	0.0	161 616	0.9	550 885	3.0	73 213	0.4	202 972	1.1	-	0.0	3 907 393	21.2
1961	4 752 469	22.4	30 988	0.1	81 035	0.4	169 168	0.8	372 142	1.8	85 109	0.4	175 164	0.8	-	0.0	5 666 075	26.7
1962	3 630 764	15.6	40 643	0.2	116 097	0.5	232 304	1.0	349 992	1.5	62 526	0.3	191 384	0.8	-	0.0	4 623 710	19.9
1963	5 357 965	19.1	13 151	0.0	73 037	0.3	393 503	1.4	475 961	1.7	30 580	0.1	175 767	0.6	-	0.0	6 519 964	23.2
1964	7 527 695	21.1	12 662	0.0	68 230	0.2	295 867	0.8	417 937	1.2	28 605	0.1	223 083	0.6	-	0.0	8 574 079	24.0
1965	6 734 939	17.1	30 676	0.1	38 798	0.1	459 945	1.2	542 217	1.4	82 192	0.2	248 982	0.6	-	0.0	8 137 749	20.7
1966	8 631 879	19.3	34 921	0.1	113 629	0.3	299 747	0.7	633 794	1.4	70 528	0.2	317 839	0.7	-	0.0	10 102 337	22.6
1967	5 071 203	12.7	-	0.0	79 766	0.2	286 817	0.7	949 307	2.4	57 843	0.1	217 763	0.5	-	0.0	6 662 699	16.7
1968	4 427 054	10.2	8 809	0.0	52 569	0.1	196 329	0.5	418 365	1.0	66 625	0.2	114 196	0.3	-	0.0	5 283 947	12.1
1969	3 212 180	8.6	25 736	0.1	39 852	0.1	191 709	0.5	633 278	1.7	106 483	0.3	195 762	0.5	-	0.0	4 405 000	11.8
1970	5 886 419	12.7	40 463	0.1	47 040	0.1	293 471	0.6	2 611 839	5.6	47 445	0.1	275 483	0.6	-	0.0	9 202 160	19.8
1971	7 110 082	14.8	58 866	0.1	107 907	0.2	287 888	0.6	3 016 482	6.3	40 881	0.1	392 759	0.8	-	0.0	11 014 865	22.9
1972	7 507 597	15.4	32 778	0.1	93 112	0.2	260 542	0.5	3 172 149	6.5	37 096	0.1	312 577	0.6	-	0.0	11 415 851	23.5
1973	6 870 074	13.1	13 748	0.0	68 194	0.1	172 857	0.3	2 045 250	3.9	30 858	0.1	263 192	0.5	-	0.0	9 464 173	18.1
1974	6 181 090	15.4	71 726	0.2	78 830	0.2	85 014	0.2	1 178 540	2.9	6 821	0.0	189 306	0.5	-	0.0	7 791 327	19.5
1975	7 685 785	17.6	200 779	0.5	216 898	0.5	295 394	0.7	2 073 546	4.8	420	0.0	102 281	0.2	-	0.0	10 575 103	24.3
1976	6 928 464	14.0	294 477	0.6	121 036	0.2	497 836	1.0	2 347 252	4.8	16 084	0.0	109 833	0.2	-	0.0	10 314 982	20.9
1977	8 549 267	14.9	360 999	0.6	70 291	0.1	402 701	0.7	1 936 346	3.4	29 379	0.1	198 844	0.3	-	0.0	11 547 827	20.1
1978	8 519 386	15.0	627 718	1.1	82 298	0.1	144 629	0.3	2 262 597	4.0	49 374	0.1	232 556	0.4	-	0.0	11 918 558	20.9
1979	5 953 921	10.8	218 998	0.4	140 335	0.3	139 070	0.3	2 910 471	5.3	25 379	0.0	319 686	0.6	-	0.0	9 707 860	17.5
1980	10 187 369	20.6	1 073 549	2.2	363 647	0.7	264 121	0.5	1 394 588	2.8	54 259	0.1	250 637	0.5	79 005	0.2	13 667 175	27.6
1981	8 441 450	16.7	1 418 355	2.8	350 664	0.7	130 855	0.3	2 111 926	4.2	8 613	0.0	266 766	0.5	58 022	0.1	12 786 651	25.3
1982	11 024 842	25.7	812 687	1.9	259 610	0.6	142 992	0.3	2 849 224	6.7	65 253	0.2	249 093	0.6	2 531	0.0	15 406 232	36.0
1983	12 784 633	28.4	684 709	1.5	109 287	0.2	77 410	0.2	2 875 079	6.4	29 813	0.1	359 750	0.8	-	0.0	16 920 681	37.6
1984	12 813 292	27.0	516 774	1.1	7 257	0.0	55 578	0.1	1 788 891	3.8	72 408	0.1	227 519	0.5	7 056	0.0	15 488 775	32.6
1985	9 543 110	25.6	570 008	1.5	4 350	0.0	31 793	0.1	554 518	1.5	76 320	0.2	339 500	0.9	-	0.0	11 119 599	29.8
1986	8 845 790	23.5	358 788	1.0	32 164	0.1	68 198	0.2	1 579 297	4.2	148 087	0.4	370 568	1.0	-	0.0	11 402 892	30.3
1987	10 855 319	27.2	398 976	1.0	28 893	0.1	93 000	0.2	957 375	2.4	85 602	0.2	374 843	0.9	-	0.0	12 794 008	32.0
1988	8 531 550	21.0	210 549	0.5	5 900	0.0	32 221	0.1	515 792	1.3	118 464	0.3	258 288	0.6	-	0.0	9 672 764	23.8
1989	4 836 888	13.0	89 983	0.2	17 679	0.0	18 525	0.0	290 205	0.8	51 343	0.1	236 815	0.6	-	0.0	5 541 438	14.9
1990	7 405 022	20.2	187 804	0.5	5 690	0.0	5 623	0.0	278 472	0.8	37 939	0.1	165 696	0.5	-	0.0	8 086 246	22.1
1991	10 885 314	31.2	510 424	1.5	1 403	0.0	1 050	0.0	130 672	0.4	103 938	0.3	171 718	0.5	-	0.0	11 804 519	33.8
TOTAL	242 263 201	18.0	9 058 905	0.7	2 885 334	0.2	6 448 031	0.5	44 729 059	3.3	1 855 162	0.1	7 874 101	0.6	146 614	0.0	315 260 407	23.4

SELECTED MINING COMMODITIES

1959 - 1991

HISTORICAL TABLE 24M

MONTREAL-LAKE ONTARIO SECTION

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		SULPHUR		OTHER MINE	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	1 070 971	5.7	23 620	0.1	5 620 221	30.1	43 510	0.2	1 027	0.0	10 632	0.1	94 393	0.5	81 687	0.4	463 605	2.5
1960	925 752	5.0	82 254	0.4	3 914 894	21.2	55 432	0.3	3 662	0.0	16 934	0.1	110 961	0.6	65 992	0.4	699 477	3.8
1961	1 048 277	4.9	153 063	0.7	3 644 391	17.2	75 900	0.4	1 911	0.0	10 375	0.0	126 196	0.6	82 215	0.4	382 329	1.8
1962	1 075 566	4.6	192 371	0.8	5 456 524	23.5	84 567	0.4	523	0.0	10 232	0.0	166 030	0.7	59 426	0.3	384 619	1.7
1963	883 071	3.1	206 730	0.7	7 401 968	26.4	116 735	0.4	-	0.0	3 476	0.0	195 105	0.7	67 572	0.2	476 385	1.7
1964	727 434	2.0	214 293	0.6	11 029 051	30.9	119 904	0.3	-	0.0	7 647	0.0	219 304	0.6	71 028	0.2	468 610	1.3
1965	946 228	2.4	166 958	0.4	11 588 329	29.4	167 500	0.4	11 846	0.0	3 492	0.0	320 126	0.8	-	0.0	646 097	1.6
1966	1 111 618	2.5	199 553	0.4	14 067 088	31.5	136 958	0.3	2 946	0.0	14 687	0.0	398 095	0.9	45	0.0	760 062	1.7
1967	1 030 029	2.6	215 092	0.5	14 879 992	37.3	166 914	0.4	-	0.0	17 604	0.0	441 992	1.1	21 882	0.1	731 972	1.8
1968	1 089 476	2.5	248 538	0.6	16 268 430	37.4	213 979	0.5	-	0.0	36 878	0.1	523 097	1.2	-	0.0	769 918	1.8
1969	587 671	1.6	325 264	0.9	10 568 053	28.4	215 517	0.6	12 558	0.0	24 655	0.1	351 215	0.9	-	0.0	931 176	2.5
1970	288 268	0.6	458 852	1.0	13 715 305	29.5	261 194	0.6	47	0.0	6 938	0.0	420 859	0.9	-	0.0	804 252	1.7
1971	299 510	0.6	473 499	1.0	12 181 176	25.3	272 835	0.6	16 193	0.0	25 017	0.1	462 775	1.0	-	0.0	918 820	1.9
1972	244 181	0.5	539 852	1.1	11 370 116	23.4	133 400	0.3	69	0.0	9 766	0.0	806 409	1.7	-	0.0	861 295	1.8
1973	251 895	0.5	739 416	1.4	14 235 151	27.2	175 136	0.3	-	0.0	27 899	0.1	819 829	1.6	-	0.0	1 601 056	3.1
1974	175 192	0.4	1 190 536	3.0	12 964 996	32.4	247 616	0.6	390	0.0	45 729	0.1	811 864	2.0	76 722	0.2	1 814 642	4.5
1975	398 575	0.9	832 835	1.9	13 159 321	30.2	157 803	0.4	12 689	0.0	70 047	0.2	779 557	1.8	31 576	0.1	1 088 123	2.5
1976	346 001	0.7	1 620 382	3.3	18 629 321	37.8	234 602	0.5	27 779	0.1	54 954	0.1	752 355	1.5	43 742	0.1	795 841	1.6
1977	215 969	0.4	2 026 004	3.5	20 205 283	35.2	313 204	0.5	28 839	0.1	98 396	0.2	783 679	1.4	14 309	0.0	1 348 125	2.3
1978	940 399	1.7	2 486 639	4.4	13 542 178	23.8	172 998	0.3	15 167	0.0	107 512	0.2	746 982	1.3	7 214	0.0	1 064 951	1.9
1979	501 910	0.9	2 318 491	4.2	14 817 154	26.8	261 667	0.5	30 694	0.1	373 875	0.7	833 813	1.5	152 891	0.3	1 113 905	2.0
1980	225 660	0.5	1 401 282	2.8	11 005 222	22.3	276 158	0.6	37 479	0.1	180 462	0.4	782 430	1.6	157 181	0.3	825 321	1.7
1981	1 674 618	3.3	853 180	1.7	12 926 853	25.6	198 725	0.4	40 401	0.1	25 528	0.1	1 134 948	2.2	28 236	0.1	974 659	1.9
1982	1 153 657	2.7	680 806	1.6	7 430 414	17.4	142 492	0.3	36	0.0	36 228	0.1	714 901	1.7	3 013	0.0	601 223	1.4
1983	350 171	0.8	638 042	1.4	10 280 210	22.8	76 849	0.2	7 975	0.0	47 754	0.1	878 535	1.9	-	0.0	801 641	1.8
1984	452 898	1.0	793 112	1.7	11 421 521	24.0	157 206	0.3	6 992	0.0	117 233	0.2	818 931	1.7	-	0.0	1 034 178	2.2
1985	607 108	1.6	802 266	2.1	8 679 210	23.3	162 410	0.4	1	0.0	258 745	0.7	657 494	1.8	-	0.0	1 324 005	3.5
1986	609 619	1.6	867 412	2.3	8 026 080	21.4	161 366	0.4	16 009	0.0	272 148	0.7	874 520	2.3	-	0.0	1 426 783	3.8
1987	233 756	0.6	654 432	1.7	9 557 376	23.9	164 766	0.4	-	0.0	231 658	0.6	928 559	2.3	-	0.0	1 448 593	3.6
1988	712 945	1.8	1 466 718	[illegible]	10 810 682	26.7	240 823	0.6	-	0.0	432 411	1.1	1 027 602	2.5	-	0.0	1 528 939	3.8
1989	776 999	2.1	1 272 068	[illegible]	11 185 264	30.2	215 214	0.6	-	0.0	448 647	1.2	1 377 273	3.7	-	0.0	1 499 205	4.0
1990	489 355	1.3	946 154	2.6	11 527 835	31.4	229 581	0.6	-	0.0	715 617	2.0	1 183 829	3.2	-	0.0	1 450 695	4.0
1991	591 980	1.7	503 410	1.4	8 455 027	24.2	151 485	0.4	-	0.0	598 944	1.7	1 029 814	3.0	-	0.0	1 031 884	3.0
TOTAL	22 036 759	1.6	25 593 124	1.9	370 564 636	27.5	5 804 446	0.4	275 233	0.0	4 342 120	0.3	21 573 472	1.6	964 731	0.1	32 072 386	2.4

SELECTED PROCESSED COMMODITIES
1959 - 1991

HISTORICAL TABLE 25M

MONTREAL-LAKE ONTARIO SECTION

YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL		CEMENT		SCRAP IRON & STEEL		OTHER PROCESSED	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	37 064	0.2	1 030 688	5.5	65 571	0.4	15 205	0.1	92 332	0.5	417 417	2.2	15 439	0.1	61 096	0.3	1 791 693	9.6
1960	33 697	0.2	1 068 389	5.8	62 623	0.3	14 214	0.1	40 685	0.2	738 355	4.0	16 299	0.1	510 981	2.8	1 641 920	8.9
1961	80 116	0.4	1 001 216	4.7	66 773	0.3	6 823	0.0	220 464	1.0	531 991	2.5	5 677	0.0	1 209 928	5.7	1 915 392	9.0
1962	63 915	0.3	1 124 869	4.8	91 185	0.4	19 381	0.1	144 569	0.6	756 994	3.3	6 115	0.0	217 817	0.9	2 009 344	8.7
1963	31 013	0.1	1 165 184	4.2	122 934	0.4	21 326	0.1	121 021	0.4	874 295	3.1	3 127	0.0	295 165	1.1	2 402 074	8.6
1964	105 520	0.3	1 367 898	3.8	183 063	0.5	43 224	0.1	234 233	0.7	1 233 107	3.5	16 023	0.0	405 464	1.1	2 484 454	7.0
1965	154 783	0.4	1 721 316	4.4	165 569	0.4	17 778	0.0	291 701	0.7	2 995 840	7.6	9 579	0.0	87 825	0.2	2 846 032	7.2
1966	162 804	0.4	1 891 905	4.2	233 549	0.5	35 817	0.1	323 553	0.7	2 781 194	6.2	20 538	0.0	145 046	0.3	3 009 131	6.7
1967	320 980	0.8	1 901 558	4.8	286 066	0.7	21 783	0.1	226 867	0.6	3 179 539	8.0	797	0.0	406 824	1.0	2 626 527	6.6
1968	331 870	0.8	1 932 069	4.4	217 259	0.5	13 043	0.0	235 248	0.5	4 977 778	11.4	46 730	0.1	395 848	0.9	2 752 475	6.3
1969	499 812	1.3	2 396 263	6.4	299 866	0.8	45 813	0.1	225 831	0.6	4 068 588	10.9	7 211	0.0	1 228 198	3.3	2 962 490	8.0
1970	520 833	1.1	2 919 702	6.3	262 467	0.6	51 498	0.1	280 685	0.6	4 031 795	8.7	35 710	0.1	894 943	1.9	2 537 609	5.5
1971	215 494	0.4	2 299 114	4.8	371 244	0.8	77 704	0.2	115 250	0.2	5 636 261	11.7	35 559	0.1	237 743	0.5	2 846 851	5.9
1972	308 382	0.6	2 929 356	6.0	382 252	0.8	99 911	0.2	165 028	0.3	5 210 502	10.7	15 862	0.0	378 967	0.8	3 069 564	6.3
1973	212 833	0.4	3 432 738	6.6	363 109	0.7	93 199	0.2	137 550	0.3	3 958 329	7.6	48 758	0.1	848 288	1.6	2 764 538	5.3
1974	114 182	0.3	1 813 742	4.5	287 296	0.7	65 892	0.2	122 672	0.3	3 270 724	8.2	32 911	0.1	124 057	0.3	1 867 901	4.7
1975	202 224	0.5	1 770 019	4.1	283 034	0.6	76 426	0.2	123 640	0.3	2 236 289	5.1	13 951	0.0	599 270	1.4	2 003 837	4.6
1976	175 848	0.4	1 360 776	2.8	361 359	0.7	34 200	0.1	124 920	0.3	3 026 246	6.1	36	0.0	429 760	0.9	2 220 249	4.5
1977	52 772	0.1	2 015 026	3.5	471 762	0.8	52 544	0.1	160 155	0.3	4 972 898	8.7	3 051	0.0	348 673	0.6	2 170 005	3.8
1978	108 984	0.2	1 887 976	3.3	573 432	1.0	177 670	0.3	242 424	0.4	3 588 819	6.3	23 008	0.0	639 829	1.1	2 389 227	4.2
1979	188 808	0.3	2 326 932	4.2	594 291	1.1	167 632	0.3	132 610	0.2	3 107 744	5.6	22 947	0.0	577 828	1.0	2 617 905	4.7
1980	223 186	0.5	1 563 431	3.2	552 747	1.1	201 246	0.4	202 783	0.4	2 084 713	4.2	93	0.0	760 238	1.5	1 797 601	3.6
1981	123 843	0.2	1 838 507	3.6	610 999	1.2	174 412	0.3	202 552	0.4	2 905 186	5.7	2 769	0.0	87 363	0.2	1 855 620	3.7
1982	158 771	0.4	1 002 035	2.3	722 466	1.7	161 978	0.4	152 712	0.4	2 790 012	6.5	3 449	0.0	457 226	1.1	1 929 307	4.5
1983	249 993	0.6	936 121	2.1	634 880	1.4	213 622	0.5	161 017	0.4	2 896 137	6.4	2 522	0.0	390 006	0.9	1 926 361	4.3
1984	237 388	0.5	745 378	1.6	748 700	1.6	99 951	0.2	243 817	0.5	4 453 231	9.4	10	0.0	303 619	0.6	2 065 803	4.3
1985	111 419	0.3	558 770	1.5	751 092	2.0	126 246	0.3	103 610	0.3	3 603 221	9.7	175 111	0.5	635 622	1.7	2 154 853	5.8
1986	206 107	0.5	641 156	1.7	869 268	2.3	171 615	0.5	96 925	0.3	3 548 802	9.4	152 616	0.4	740 276	2.0	2 335 794	6.2
1987	167 472	0.4	481 049	1.2	812 778	2.0	135 308	0.3	124 355	0.3	3 614 403	9.0	242 758	0.6	344 352	0.9	2 306 923	5.8
1988	248 120	0.6	879 438	2.2	1 036 759	2.6	125 032	0.3	93 248	0.2	4 316 733	10.6	32 101	0.1	369 397	0.9	1 587 662	3.9
1989	485 319	1.3	569 627	1.5	819 447	2.2	86 287	0.2	70 938	0.2	4 186 116	11.3	27 463	0.1	320 630	0.9	1 941 512	5.2
1990	481 265	1.3	890 612	2.4	817 062	2.2	105 284	0.3	67 942	0.2	3 607 475	9.8	28 431	0.1	233 668	0.6	1 383 093	3.8
1991	378 315	1.1	866 101	2.5	568 383	1.6	78 479	0.2	37 505	0.1	3 438 134	9.9	340 350	1.0	137 600	0.4	1 091 439	3.1
TOTAL	6 993 132	0.5	50 328 961	3.7	14 689 285	1.1	2 830 543	0.2	5 318 842	0.4	103 038 868	7.6	1 387 001	0.1	14 823 547	1.1	73 305 186	5.4

CARGO TONNES BY ORIGIN - DESTINATION
1959 - 1991

HISTORICAL TABLE 26M

MONTREAL - LAKE ONTARIO SECTION

FROM:	UPBOUND						DOWNBOUND						TOTAL
	CANADA		U.S.A.		OVERSEAS		CANADA			U.S.A.			
TO:	Canada	U.S.A.	Canada	U.S.A.	Canada	U.S.A.	Canada	U.S.A.	Overseas	Canada	U.S.A.	Overseas	
1959	2 872 585	5 257 355	53 901	17 795	769 [illegible]03	962 375	3 811 384	8 551	760 025	1 600 738	22 326	2 545 255	18 681 783
1960	1 890 965	4 145 845	44 431	2 010	1 065 [illegible]03	818 198	3 991 026	6 056	1 258 370	1 608 494	40 977	3 553 761	18 425 236
1961	2 167 761	3 701 696	18 928	31 954	650 623	899 242	6 035 304	-	1 129 295	2 482 648	65 417	4 061 329	21 244 197
1962	2 100 579	5 806 311	53 132	30 933	822 758	1 055 999	4 945 703	6 252	1 058 181	2 713 238	86 073	4 538 963	23 218 122
1963	2 173 863	7 765 232	14 543	52 900	901 667	1 375 115	6 633 428	3 787	1 209 994	4 210 462	62 830	3 667 095	28 070 916
1964	2 103 964	11 695 053	20 772	49 296	1 077 290	1 860 353	8 924 108	9 712	1 217 299	3 545 733	68 511	5 088 459	35 660 550
1965	3 280 599	11 512 159	18 376	51 495	1 704 431	3 495 820	8 333 233	6 498	1 390 141	3 858 198	64 997	5 640 323	39 356 270
1966	4 886 026	13 098 928	22 413	62 132	1 593 947	3 718 092	10 531 886	3 354	1 244 617	3 163 431	49 598	6 303 841	44 678 265
1967	5 355 101	13 262 801	47 428	63 217	1 615 368	3 917 062	6 681 948	13 727	1 637 556	2 195 651	55 820	5 096 428	39 942 107
1968	5 836 125	14 412 576	20 864	70 052	1 408 890	5 818 068	5 822 799	6 553	1 083 434	3 452 401	56 757	5 514 480	43 502 999
1969	4 487 605	9 728 133	100 185	66 956	1 640 760	4 338 443	5 104 136	3 335	1 088 087	4 319 411	40 524	6 289 736	37 207 311
1970	5 482 804	11 837 049	72 533	46 433	1 327 218	4 131 746	9 900 659	9 854	1 532 617	6 022 787	64 436	5 993 298	46 421 434
1971	5 298 786	10 499 612	189 535	51 058	1 283 599	6 293 132	11 186 081	6 528	1 854 774	3 315 158	34 695	8 056 451	48 069 409
1972	4 712 628	10 595 652	139 145	66 106	1 923 223	5 682 245	11 602 385	7 352	2 180 772	2 949 490	32 612	8 784 819	48 676 429
1973	5 033 913	13 911 161	114 005	81 824	1 376 013	4 548 850	10 838 168	31 724	1 381 554	6 001 158	37 932	8 928 505	52 284 807
1974	4 283 693	11 644 802	73 294	95 384	824 263	3 948 976	9 089 431	51 250	1 457 179	4 261 952	4 727	4 314 028	40 048 979
1975	3 848 218	11 983 490	106 487	91 825	919 293	2 950 574	11 256 809	140 776	1 476 270	4 665 804	-	6 114 757	43 554 303
1976	3 699 634	17 036 438	80 545	90 425	997 698	4 238 374	10 903 073	53 764	1 788 140	4 174 199	11 523	6 274 626	49 348 439
1977	5 234 726	18 293 915	98 054	49 212	1 222 491	6 865 879	11 871 506	22 804	1 849 332	4 181 077	21 872	7 745 472	57 456 340
1978	4 317 126	12 587 394	253 149	77 899	1 295 778	6 322 693	12 542 555	55 705	2 139 969	5 921 936	94 270	11 334 206	56 942 680
1979	4 958 367	12 662 015	228 721	64 950	1 234 333	5 234 579	11 564 604	68 858	2 229 585	7 132 625	54 224	9 889 232	55 322 093
1980	4 544 613	7 623 360	93 414	50 178	845 800	1 768 250	14 479 550	111 743	3 935 984	8 712 657	134 505	7 154 055	49 454 109
1981	3 281 287	10 986 746	106 177	7 529	1 504 324	2 936 138	13 909 712	80 976	2 937 183	8 907 569	48 895	5 862 721	50 569 257
1982	2 649 751	5 232 453	93 208	519	919 504	2 254 463	16 203 160	185 270	3 732 135	5 630 625	-	5 914 226	42 815 314
1983	4 150 010	6 956 744	126 908	-	1 068 583	3 276 772	17 917 733	172 588	2 386 479	3 081 321	39 125	5 884 718	45 060 981
1984	5 268 388	6 974 055	130 955	-	1 499 551	4 763 734	16 216 426	437 642	2 162 544	3 536 465	-	6 515 696	47 505 456
1985	4 615 358	4 868 864	239 351	-	1 405 944	3 695 792	11 381 053	670 559	1 793 392	3 374 584	3 469	5 273 332	37 321 698
1986	4 963 950	4 047 190	263 938	2 287	1 699 793	3 669 027	12 050 180	388 870	2 042 659	2 742 024	4 588	5 707 302	37 581 808
1987	5 794 312	5 091 993	326 926	-	2 158 851	3 438 382	13 328 958	337 342	2 102 454	2 217 187	-	5 172 210	39 968 615
1988	6 580 551	5 403 754	225 923	-	2 821 854	3 622 178	10 966 981	170 534	2 144 375	3 869 269	-	4 752 250	40 557 669
1989	6 706 511	5 545 121	164 501	13 704	1 834 542	3 262 837	7 241 831	80 503	2 452 027	5 355 082	-	4 413 711	37 070 370
1990	6 710 550	6 364 916	188 819	377	1 493 422	2 889 138	9 879 737	152 251	2 154 413	3 668 483	-	3 153 833	36 655 939
1991	5 958 967	3 598 913	261 988	-	1 117 254	2 043 432	13 371 240	258 326	2 632 054	3 128 316	-	2 539 953	34 910 443
TOTAL	145 249 316	304 131 726	3 992 549	1 288 450	44 023 661	116 095 958	338 516 787	3 563 044	61 442 890	136 000 173	1 200 703	192 079 071	1 347 584 328

PART IV

St. Lawrence Seaway Toll Traffic

for the

Welland Canal Section

TRAFFIC BY TYPE OF VESSEL
1991

TABLE 1W

WELLAND CANAL SECTION

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	$	%
UPBOUND:													
Cargo	468	911	1 379	21 623 054	5 999 597	20 213	-	6 977	1 643 924	7 670 711	20.8	10 029 942.41	30.7
Tug and Barge	13	57	70	218 994	43 686	-	-	-	324	44 010	0.1	201 781.22	0.6
Tanker	26	119	145	936 594	168 968	-	-	-	-	168 968	0.5	552 385.60	1.7
Non-Cargo	93	108	201	68 647	-	-	-	-	-	-	0.0	25 699.52	0.1
Total Up	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4	10 809 808.75	33.1
DOWNBOUND:													
Cargo	1 276	87	1 363	21 372 821	10 765 044	15 831 162	121 628	3 297	964 725	27 685 856	75.0	20 383 788.15	62.4
Tug and Barge	51	18	69	204 235	257 032	-	-	-	-	257 032	0.7	337 990.90	1.0
Tanker	129	17	146	943 376	1 092 395	-	-	-	-	1 092 395	3.0	1 090 398.67	3.3
Non-Cargo	93	104	197	72 246	-	-	-	-	-	-	0.0	23 575.66	0.1
Total Down	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6	21 835 753.38	66.9
TOTALS:													
Cargo	1 744	998	2 742	42 995 875	16 764 641	15 851 375	121 628	10 274	2 608 649	35 356 567	95.8	30 413 730.56	93.2
Tug and Barge	64	75	139	423 229	300 718	-	-	-	324	301 042	0.8	539 772.12	1.7
Tanker	155	136	291	1 879 970	1 261 363	-	-	-	-	1 261 363	3.4	1 642 784.27	5.0
Non-Cargo	186	212	398	140 893	-	-	-	-	-	-	0.0	49 275.18	0.2
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL
1991

TABLE 2W — WELLAND CANAL SECTION

ORGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
CANADA:													
Cargo	270	833	1 103	17 681 696	5 389 688	5 513	-	-	11 383	5 406 584	14.6	7 178 137.67	22.0
Tug and Barge	12	46	58	183 436	43 305	-	-	-	324	43 629	0.1	171 160.91	0.5
Tanker	11	93	104	612 277	71 989	-	-	-	-	71 989	0.2	357 259.85	1.1
Non-Cargo	93	83	176	56 124	-	-	-	-	-	-	0.0	22 556.44	0.1
Total Canada	386	1 055	1 441	18 533 533	5 504 982	5 513	-	-	11 707	5 522 202	15.0	7 729 114.87	23.7
U.S.A.:													
Cargo	3	8	11	154 143	31 390	-	-	-	-	31 390	0.1	70 620.71	0.2
Tug and Barge	1	11	12	35 558	381	-	-	-	-	381	0.0	30 620.31	0.1
Tanker	4	17	21	124 734	24 973	-	-	-	-	24 973	0.1	79 124.85	0.2
Non-Cargo	-	25	25	12 523	-	-	-	-	-	-	0.0	3 143.08	0.0
Total U.S.A.	8	61	69	326 958	56 744	-	-	-	-	56 744	0.2	183 508.95	0.6
FOREIGN:													
Cargo	195	70	265	3 787 215	578 519	14 700	-	6 977	1 632 541	2 232 737	6.0	2 781 184.03	8.5
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Tanker	11	9	20	199 583	72 006	-	-	-	-	72 006	0.2	116 000.90	0.4
Non-Cargo	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Total Foreign	206	79	285	3 986 798	650 525	14 700	-	6 977	1 632 541	2 304 743	6.2	2 897 184.93	8.9
Total Up	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4	10 809 808.75	33.1
DOWNBOUND:													
CANADA:													
Cargo	671	23	694	10 946 737	2 181 966	12 443 601	94 730	-	431 405	15 151 702	41.0	10 794 038.90	33.1
Tug and Barge	22	6	28	92 181	159 592	-	-	-	-	159 592	0.4	160 833.44	0.5
Tanker	113	10	123	801 050	986 315	-	-	-	-	986 315	2.7	950 096.11	2.9
Non-Cargo	93	77	170	48 323	-	-	-	-	-	-	0.0	16 917.06	0.1
Total Canada	899	116	1 015	11 888 291	3 327 873	12 443 601	94 730	-	431 405	16 297 609	44.1	11 921 885.51	36.5
U.S.A.:													
Cargo	605	64	669	10 426 084	8 583 078	3 387 561	26 898	3 297	533 320	12 534 154	34.0	9 589 749.25	29.4
Tug and Barge	29	12	41	112 054	97 440	-	-	-	-	97 440	0.3	177 157.46	0.5
Tanker	16	7	23	142 326	106 080	-	-	-	-	106 080	0.3	140 302.56	0.4
Non-Cargo	-	27	27	23 923	-	-	-	-	-	-	0.0	6 658.60	0.0
Total U.S.A.	650	110	760	10 704 387	8 786 598	3 387 561	26 898	3 297	533 320	12 737 674	34.5	9 913 867.87	30.4
Total Down	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6	21 835 753.38	66.9
TOTALS:													
CANADA:	1 285	1 171	2 456	30 421 824	8 832 855	12 449 114	94 730	-	443 112	21 819 811	59.1	19 651 000.38	60.2
U.S.A.:	658	171	829	11 031 345	8 843 342	3 387 561	26 898	3 297	533 320	12 794 418	34.7	10 097 376.82	30.9
FOREIGN:	206	79	285	3 986 798	650 525	14 700	-	6 977	1 632 541	2 304 743	6.2	2 897 184.93	8.9
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

TRAFFIC BY CLASS AND TYPE OF VESSEL
1991

WELLAND CANAL SECTION

TABLE 3W

CLASS AND TYPE OF OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
OCEAN:													
Cargo	200	122	322	4 665 057	614 654	14 700	-	6 977	1 632 555	2 268 886	6.1	3 014 157.29	9.2
Tanker	15	13	28	282 163	100 179	-	-	-	-	100 179	0.3	159 907.27	0.5
Total Ocean	215	135	350	4 947 220	714 833	14 700	-	6 977	1 632 555	2 369 065	6.4	3 174 064.56	9.7
LAKER:													
Cargo	268	789	1 057	16 957 997	5 384 943	5 513	-	-	11 369	5 401 825	14.6	7 015 785.12	21.5
Tug and Barge	13	57	70	218 994	43 686	-	-	-	324	44 010	0.1	201 781.22	0.6
Tanker	11	106	117	654 431	68 789	-	-	-	-	68 789	0.2	392 478.33	1.2
Total Laker	292	952	1 244	17 831 422	5 497 418	5 513	-	-	11 693	5 514 624	14.9	7 610 044.67	23.3
ALL OTHER:	93	108	201	68 647	-	-	-	-	-	-	0.0	25 699.52	0.1
Total Upbound	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4	10 809 808.75	33.1
DOWNBOUND:													
OCEAN:													
Cargo	285	33	318	4 610 305	892 065	2 091 368	121 628	3 297	960 750	4 069 108	11.0	3 717 802.70	11.4
Tanker	22	6	28	282 163	216 102	-	-	-	-	216 102	0.6	222 309.54	0.7
Total Ocean	307	39	346	4 892 468	1 108 167	2 091 368	121 628	3 297	960 750	4 285 210	11.6	3 940 112.24	12.1
LAKER:													
Cargo	991	54	1 045	16 762 516	9 872 979	13 739 794	-	-	3 975	23 616 748	64.0	16 665 985.45	51.1
Tug and Barge	51	18	69	204 235	257 032	-	-	-	-	257 032	0.7	337 990.90	1.0
Tanker	107	11	118	661 213	876 293	-	-	-	-	876 293	2.4	868 089.13	2.7
Total Laker	1 149	83	1 232	17 627 964	11 006 304	13 739 794	-	-	3 975	24 750 073	67.0	17 872 065.48	54.7
ALL OTHER:	93	104	197	72 246	-	-	-	-	-	-	0.0	23 575.66	0.1
Total Downbound	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6	21 835 753.38	66.9
TOTALS:													
OCEAN:													
Cargo	485	155	640	9 275 362	1 506 719	2 106 068	121 628	10 274	2 593 305	6 337 994	17.2	6 731 959.99	20.6
Tanker	37	19	56	564 326	316 281	-	-	-	-	316 281	0.9	382 216.81	1.2
Total Ocean	522	174	696	9 839 688	1 823 000	2 106 068	121 628	10 274	2 593 305	6 654 275	18.0	7 114 176.80	21.8
LAKER:													
Cargo	1 259	843	2 102	33 720 513	15 257 922	13 745 307	-	-	15 344	29 018 573	78.6	23 681 770.57	72.5
Tug and Barge	64	75	139	423 229	300 718	-	-	-	324	301 042	0.8	539 772.12	1.7
Tanker	118	117	235	1 315 644	945 082	-	-	-	-	945 082	2.6	1 260 567.46	3.9
Total Laker	1 441	1 035	2 476	35 459 386	16 503 722	13 745 307	-	-	15 668	30 264 697	82.0	25 482 110.15	78.1
ALL OTHER:	186	212	398	140 893	-	-	-	-	-	-	0.0	49 275.18	0.2
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1991

TABLE 4W

WELLAND CANAL SECTION

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
OVERSEAS:													
Cargo	195	70	265	3 787 215	578 519	14 700	-	6 977	1 632 555	2 232 751	6.0	2 781 184.03	8.5
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	11	9	20	199 583	75 206	-	-	-	-	75 206	0.2	116 000.90	0.4
Total Overseas	206	79	285	3 986 798	653 725	14 700	-	6 977	1 632 555	2 307 957	6.3	2 897 184.93	8.9
INLAND:													
Cargo	269	817	1 086	17 407 670	5 388 704	5 513	-	-	11 369	5 405 586	14.6	7 113 827.62	21.8
Tug and Barge	12	55	67	213 682	43 305	-	-	-	324	43 629	0.1	193 172.09	0.6
Tanker	11	100	111	632 016	68 789	-	-	-	-	68 789	0.2	375 868.53	1.2
Total Inland	292	972	1 264	18 253 368	5 500 798	5 513	-	-	11 693	5 518 004	14.9	7 682 868.24	23.5
COASTAL:													
Cargo	4	24	28	428 169	32 374	-	-	-	-	32 374	0.1	134 930.76	0.4
Tug and Barge	1	2	3	5 312	381	-	-	-	-	381	0.0	8 609.13	0.0
Tanker	4	10	14	104 995	24 973	-	-	-	-	24 973	0.1	60 516.17	0.2
Total Coastal	9	36	45	538 476	57 728	-	-	-	-	57 728	0.2	204 056.06	0.6
NON-CARGO:													
Tug	1	52	53	9 676	-	-	-	-	-	-	0.0	8 333.04	0.0
All Other	92	56	148	58 971	-	-	-	-	-	-	0.0	17 366.48	0.1
Total Non-Cargo	93	108	201	68 647	-	-	-	-	-	-	0.0	25 699.52	0.1
Total Upbound	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4	10 809 808.75	33.1
DOWNBOUND:													
OVERSEAS:													
Cargo	284	12	296	4 337 342	892 065	2 091 368	121 628	3 297	960 538	4 068 896	11.0	3 641 703.28	11.2
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	18	3	21	236 065	176 051	-	-	-	-	176 051	0.5	177 712.79	0.5
Total Overseas	302	15	317	4 573 407	1 068 116	2 091 368	121 628	3 297	960 538	4 244 947	11.5	3 819 416.07	11.7
INLAND:													
Cargo	967	72	1 039	16 630 993	9 779 354	13 411 092	-	-	3 975	23 194 421	62.8	16 401 480.96	50.2
Tug and Barge	48	17	65	198 441	248 641	-	-	-	-	248 641	0.7	321 455.27	1.0
Tanker	102	11	113	633 052	837 951	-	-	-	-	837 951	2.3	830 322.23	2.5
Total Inland	1 117	100	1 217	17 462 486	10 865 946	13 411 092	-	-	3 975	24 281 013	65.8	17 553 258.46	53.8
COASTAL:													
Cargo	25	3	28	404 486	93 625	328 702	-	-	212	422 539	1.1	340 603.91	1.0
Tug and Barge	3	1	4	5 794	8 391	-	-	-	-	8 391	0.0	16 535.63	0.1
Tanker	9	3	12	74 259	78 393	-	-	-	-	78 393	0.2	82 363.65	0.3
Total Coastal	37	7	44	484 539	180 409	328 702	-	-	212	509 323	1.4	439 503.19	1.3
NON-CARGO:													
Tug	-	49	49	8 343	-	-	-	-	-	-	0.0	6 220.12	0.0
All Other	93	55	148	63 903	-	-	-	-	-	-	0.0	17 355.54	0.1
Total Non-Cargo	93	104	197	72 246	-	-	-	-	-	-	0.0	23 575.66	0.1
Total Downbound	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6	21 835 753.38	66.9
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

TRAFFIC BY ORIGIN AND DESTINATION
1991

TABLE 5W

WELLAND CANAL SECTION

ORIGIN AND DESTINATION (1)	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Canada - Canada	137	648	785	8 779 883	713 566	5 513	-	-	-	719 079	1.9	2 823 511.85	8.6
Canada - U.S.A.	249	407	656	9 753 650	4 791 416	-	-	-	11 707	4 803 123	13.0	4 905 603.02	15.0
Foreign - Canada	26	32	58	766 955	239 832	14 700	-	-	7 440	261 972	0.7	400 776.44	1.2
Total Canada	412	1 087	1 499	19 300 488	5 744 914	20 213	-	-	19 147	5 784 174	15.7	8 129 891.31	24.9
U.S.A. - Canada	5	27	32	260 607	41 248	-	-	-	-	41 248	0.1	132 713.53	0.4
U.S.A. - U.S.A.	3	34	37	66 351	15 496	-	-	-	-	15 496	0.0	50 795.42	0.2
Foreign - U.S.A.	180	47	227	3 219 843	410 693	-	-	6 977	1 625 101	2 042 771	5.5	2 496 408.49	7.6
Total U.S.A.	188	108	296	3 546 801	467 437	-	-	6 977	1 625 101	2 099 515	5.7	2 679 917.44	8.2
Total Upbound	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4	10 809 808.75	33.1
DOWNBOUND:													
Canada - Canada	757	104	861	9 891 534	2 622 145	11 708 379	-	-	-	14 330 524	38.8	10 227 701.05	31.3
Canada - U.S.A.	26	4	30	184 670	244 866	-	-	-	-	244 866	0.7	215 138.54	0.7
Canada - Foreign	116	8	124	1 812 087	460 862	735 222	94 730	-	431 405	1 722 219	4.7	1 479 045.92	4.5
Total Canada	899	116	1 015	11 888 291	3 327 873	12 443 601	94 730	-	431 405	16 297 609	44.1	11 921 885.51	36.5
U.S.A. - Canada	456	80	536	7 839 416	8 170 684	2 031 415	-	-	8 229	10 210 328	27.7	7 512 302.86	23.0
U.S.A. - U.S.A.	8	23	31	103 651	8 660	-	-	-	-	8 660	0.0	61 194.86	0.2
U.S.A. - Foreign	186	7	193	2 761 320	607 254	1 356 146	26 898	3 297	525 091	2 518 686	6.8	2 340 370.15	7.2
Total U.S.A.	650	110	760	10 704 387	8 786 598	3 387 561	26 898	3 297	533 320	12 737 674	34.5	9 913 867.87	30.4
Total Downbound	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6	21 835 753.38	66.9
TOTALS:													
Canada - Canada	894	752	1 646	18 671 417	3 335 711	11 713 892	-	-	-	15 049 603	40.8	13 051 212.90	40.0
Canada - U.S.A.	275	411	686	9 938 320	5 036 282	-	-	-	11 707	5 047 989	13.7	5 120 741.56	15.7
Canada - Foreign	116	8	124	1 812 087	460 862	735 222	94 730	-	431 405	1 722 219	4.7	1 479 045.92	4.5
Foreign - Canada	26	32	58	766 955	239 832	14 700	-	-	7 440	261 972	0.7	400 776.44	1.2
Total Canada	1 311	1 203	2 514	31 188 779	9 072 687	12 463 814	94 730	-	450 552	22 081 783	59.8	20 051 776.82	61.4
U.S.A. - Canada	461	107	568	8 100 023	8 211 932	2 031 415	-	-	8 229	10 251 576	27.8	7 645 016.39	23.4
U.S.A. - U.S.A.	11	57	68	170 002	24 156	-	-	-	-	24 156	0.1	111 990.28	0.3
U.S.A. - Foreign	186	7	193	2 761 320	607 254	1 356 146	26 898	3 297	525 091	2 518 686	6.8	2 340 370.15	7.2
Foreign - U.S.A.	180	47	227	3 219 843	410 693	-	-	6 977	1 625 101	2 042 771	5.5	2 496 408.49	7.6
Total U.S.A.	838	218	1 056	14 251 188	9 254 035	3 387 561	26 898	10 274	2 158 421	14 837 189	40.2	12 593 785.31	38.6
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1991

TABLE 6W

WELLAND CANAL SECTION

TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Bulk	352	-	352	4 743 572	6 146 724	-	-	-	-	6 146 724	16.6	4 399 014.99	13.5
Grains	3	-	3	46 774	-	20 213	-	-	-	20 213	0.1	24 127.37	0.1
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	112	-	112	1 542 713	-	-	-	-	1 181 867	1 181 867	3.2	1 450 183.02	4.4
Mixed	41	-	41	675 175	65 527	-	-	6 977	462 381	534 885	1.4	604 936.13	1.9
Passengers	92	-	92	23 184	-	-	-	-	-	-	0.0	9 992.80	0.0
In Ballast - Overseas	-	79	79	1 070 127	-	-	-	-	-	-	0.0	311 695.24	1.0
- Inland	-	972	972	14 247 314	-	-	-	-	-	-	0.0	3 860 779.14	11.8
- Coastal	-	36	36	455 368	-	-	-	-	-	-	0.0	137 716.38	0.4
- Non-Cargo	-	108	108	43 062	-	-	-	-	-	-	0.0	11 363.68	0.0
Total Upbound	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4	10 809 808.75	33.1
DOWNBOUND:													
Bulk	653	-	653	8 955 727	12 022 323	-	-	-	-	12 022 323	32.6	8 975 502.89	27.5
Grains	651	-	651	10 266 371	-	14 762 643	-	-	-	14 762 643	40.0	10 448 208.25	32.0
Government Aid	9	-	9	116 448	-	-	111 075	-	-	111 075	0.3	42 053.76	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	71	-	71	1 128 572	-	-	-	-	942 565	942 565	2.6	1 092 149.34	3.3
Mixed	72	-	72	999 907	92 148	1 068 519	10 553	3 297	22 160	1 196 677	3.2	932 256.00	2.9
Passengers	93	-	93	23 436	-	-	-	-	-	-	0.0	9 987.46	0.0
In Ballast - Overseas	-	15	15	198 322	-	-	-	-	-	-	0.0	53 183.54	0.2
- Inland	-	100	100	792 357	-	-	-	-	-	-	0.0	245 007.82	0.8
- Coastal	-	7	7	62 728	-	-	-	-	-	-	0.0	23 816.12	0.1
- Non-Cargo	-	104	104	48 810	-	-	-	-	-	-	0.0	13 588.20	0.0
Total Downbound	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6	21 835 753.38	66.9
TOTALS:													
Bulk	1 005	-	1 005	13 699 299	18 169 047	-	-	-	-	18 169 047	49.2	13 374 517.88	41.0
Grains	654	-	654	10 313 145	-	14 782 856	-	-	-	14 782 856	40.0	10 472 335.62	32.1
Government Aid	9	-	9	116 448	-	-	111 075	-	-	111 075	0.3	42 053.76	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	183	-	183	2 671 285	-	-	-	-	2 124 432	2 124 432	5.8	2 542 332.36	7.8
Mixed	113	-	113	1 675 082	157 675	1 068 519	10 553	10 274	484 541	1 731 562	4.7	1 537 192.13	4.7
Passengers	185	-	185	46 620	-	-	-	-	-	-	0.0	19 980.26	0.1
In Ballast - Overseas	-	94	94	1 268 449	-	-	-	-	-	-	0.0	364 878.78	1.1
- Inland	-	1 072	1 072	15 039 671	-	-	-	-	-	-	0.0	4 105 786.96	12.6
- Coastal	-	43	43	518 096	-	-	-	-	-	-	0.0	161 532.50	0.5
- Non-Cargo	-	212	212	91 872	-	-	-	-	-	-	0.0	24 951.88	0.1
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1991
UPBOUND

TABLE 7W PART A

WELLAND CANAL SECTION

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	58	-	58	703 461	590 217	-	-	-	-	590 217	1.6	543 605.73	1.7
Grains	1	-	1	14 743	-	14 700	-	-	-	14 700	0.0	12 092.16	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	107	-	107	1 527 780	-	-	-	-	1 171 817	1 171 817	3.2	1 430 785.08	4.4
Mixed	40	-	40	670 687	63 508	-	-	6 977	460 738	531 223	1.4	599 006.72	1.8
In Ballast	-	79	79	1 070 127	-	-	-	-	-	-	0.0	311 695.24	1.0
Total Overseas	206	79	285	3 986 798	653 725	14 700	-	6 977	1 632 555	2 307 957	6.3	2 897 184.93	8.9
INLAND:													
Bulk	284	-	284	3 954 602	5 498 779	-	-	-	-	5 498 779	14.9	3 784 726.54	11.6
Grains	2	-	2	32 031	-	5 513	-	-	-	5 513	0.0	12 035.21	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	5	-	5	14 933	-	-	-	-	10 050	10 050	0.0	19 397.94	0.1
Mixed	1	-	1	4 488	2 019	-	-	-	1 643	3 662	0.0	5 929.41	0.0
In Ballast	-	972	972	14 247 314	-	-	-	-	-	-	0.0	3 860 779.14	11.8
Total Inland	292	972	1 264	18 253 368	5 500 798	5 513	-	-	11 693	5 518 004	14.9	7 682 868.24	23.5
COASTAL:													
Bulk	9	-	9	83 108	57 728	-	-	-	-	57 728	0.2	66 339.68	0.2
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
In Ballast	-	36	36	455 368	-	-	-	-	-	-	0.0	137 716.38	0.4
Total Coastal	9	36	45	538 476	57 728	-	-	-	-	57 728	0.2	204 056.06	0.6
NON-CARGO:	93	108	201	68 647	-	-	-	-	-	-	0.0	25 699.52	0.1
Total Upbound	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4	10 809 808.75	33.1

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1991
DOWNBOUND

TABLE 7W PART B

WELLAND CANAL SECTION

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	79	-	79	1 004 912	1 029 753	-	-	-	-	1 029 753	2.8	871 648.41	2.7
Grains	112	-	112	1 671 631	-	1 751 322	-	-	-	1 751 322	4.7	1 408 183.50	4.3
Government Aid	9	-	9	116 448	-	-	111 075	-	-	111 075	0.3	42 053.76	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	69	-	69	1 115 268	-	-	-	-	940 350	940 350	2.5	1 082 585.16	3.3
Mixed	33	-	33	466 826	38 363	340 046	10 553	3 297	20 188	412 447	1.1	361 761.70	1.1
In Ballast	-	15	15	198 322	-	-	-	-	-	-	0.0	53 183.54	0.2
Total Overseas	302	15	317	4 573 407	1 068 116	2 091 368	121 628	3 297	960 538	4 244 947	11.5	3 819 416.07	11.7
INLAND:													
Bulk	557	-	557	7 802 631	10 812 161	-	-	-	-	10 812 161	29.3	7 944 631.99	24.3
Grains	526	-	526	8 359 002	-	12 721 859	-	-	-	12 721 859	34.5	8 829 339.81	27.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	1	-	1	3 536	-	-	-	-	2 003	2 003	0.0	5 106.66	0.0
Mixed	33	-	33	504 960	53 785	689 233	-	-	1 972	744 990	2.0	529 172.18	1.6
In Ballast	-	100	100	792 357	-	-	-	-	-	-	0.0	245 007.82	0.8
Total Inland	1 117	100	1 217	17 462 486	10 865 946	13 411 092	-	-	3 975	24 281 013	65.8	17 553 258.46	53.8
COASTAL:													
Bulk	17	-	17	148 184	180 409	-	-	-	-	180 409	0.5	159 222.49	0.5
Grains	13	-	13	235 738	-	289 462	-	-	-	289 462	0.8	210 684.94	0.6
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	1	-	1	9 768	-	-	-	-	212	212	0.0	4 457.52	0.0
Mixed	6	-	6	28 121	-	39 240	-	-	-	39 240	0.1	41 322.12	0.1
In Ballast	-	7	7	62 728	-	-	-	-	-	-	0.0	23 816.12	0.1
Total Coastal	37	7	44	484 539	180 409	328 702	-	-	212	509 323	1.4	439 503.19	1.3
NON-CARGO:	93	104	197	72 246	-	-	-	-	-	-	0.0	23 575.66	0.1
Total Downbound	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6	21 835 753.38	66.9
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

TRAFFIC BY COUNTRY OF REGISTRY
1991

TABLE 8W

WELLAND CANAL SECTION

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
Canada	1 579	1 123	2 702	35 022 926	16 173 951	13 745 307	-	-	15 668	29 934 926	81.1	25 158 058.70	77.1
United States	43	112	155	542 329	309 528	15 473	-	-	13 730	338 731	0.9	345 808.53	1.1
England	7	3	10	194 940	58 697	49 405	-	10	27 034	135 146	0.4	126 254.20	0.4
Baltic Countries	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Belgium	2	-	2	44 395	5 000	24 848	-	-	8 298	38 146	0.1	32 665.36	0.1
Denmark	3	1	4	23 146	-	10 340	-	-	798	11 138	0.0	20 146.56	0.1
Norway	33	9	42	590 530	99 180	17 988	-	-	242 189	359 357	1.0	440 239.79	1.3
Sweden	7	1	8	55 726	45 723	-	-	-	19 585	65 308	0.2	68 527.69	0.2
Finland	8	4	12	164 520	70 724	9 163	-	-	-	79 887	0.2	93 127.03	0.3
France	4	2	6	102 186	9 401	54 247	-	-	8 377	72 025	0.2	67 103.90	0.2
West Germany	2	2	4	32 196	12 604	-	-	-	12 718	25 322	0.1	26 394.96	0.1
Greece	47	17	64	1 000 648	79 362	285 852	-	-	337 380	702 594	1.9	747 397.27	2.3
Italy	3	1	4	24 908	14 672	-	-	-	-	14 672	0.0	21 858.24	0.1
Poland	20	-	20	329 818	-	175 349	-	-	170 920	346 269	0.9	321 216.77	1.0
Russia	37	3	40	359 418	23 486	247	16 304	3 519	63 561	107 117	0.3	228 461.22	0.7
Spain	1	3	4	33 905	12 109	-	-	-	-	12 109	0.0	20 082.01	0.1
Yugoslavia	8	8	16	320 586	95 307	54 664	-	-	-	149 971	0.4	137 623.51	0.4
Iceland	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Cuba	3	5	8	93 280	-	34 076	-	-	-	34 076	0.1	48 850.84	0.1
Panama	58	14	72	964 737	178 501	184 385	29 850	111	311 080	703 927	1.9	741 612.80	2.3
West Indies	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
BWI and Bermuda	13	15	28	149 754	31 215	8 171	17 705	-	148	57 239	0.2	107 090.72	0.3
Central America	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Brazil	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Venezuela	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Peru	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
China	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
India	4	2	6	103 438	13 885	-	-	-	52 383	66 268	0.2	77 194.95	0.2
Japan	8	2	10	178 146	11 000	73 602	-	39	49 426	134 067	0.4	130 418.79	0.4
Middle East	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Israel	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Turkey	5	1	6	89 478	-	30 618	-	-	37 559	68 177	0.2	72 956.20	0.2
Other Asia	2	-	2	33 036	-	16 387	-	-	16 161	32 548	0.1	30 839.53	0.1
Liberia	73	22	95	1 478 544	334 364	329 088	-	1 427	372 517	1 037 396	2.8	1 058 639.11	3.2
Algeria	4	2	6	37 482	-	-	-	-	3 783	3 783	0.0	24 568.58	0.1
French Africa	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Other	175	69	244	3 469 895	748 013	732 165	57 769	5 168	845 658	2 388 773	6.5	2 498 424.87	7.7
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO

1991

TABLE 9W — WELLAND CANAL SECTION

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Containers	General	Total	
Wheat	-	12 369 004	63 800	-	-	12 432 804	33.7
Corn	-	1 557 323	-	-	-	1 557 323	4.2
Rye	-	1 403	-	-	-	1 403	0.0
Oats	-	1 050	-	-	-	1 050	0.0
Barley	-	664 207	-	-	-	664 207	1.8
Flour, Wheat	26 531	-	38 068	-	-	64 599	0.2
Flour, Edible, Other	-	-	-	-	-	-	0.0
Soybeans	-	469 412	-	-	-	469 412	1.3
Soybean Oil Cake and Meal	-	-	-	-	-	-	0.0
Beans and Peas	-	164 692	8 679	-	-	173 371	0.5
Malt	-	15 193	-	-	-	15 193	0.0
Flaxseed	-	171 718	-	-	-	171 718	0.5
Sunflower Seeds	-	32 609	-	-	-	32 609	0.1
Other Agricultural Products	-	344 381	45	235	-	344 661	0.9
Total Agricultural Products	26 531	15 790 992	110 592	235	-	15 928 350	43.1
Packing House Products, Edible	-	-	-	-	-	-	
Hides, Skins and Pelts	-	-	-	135	-	135	0.0
Other Animal Products	17 510	-	-	-	-	17 510	0.0
Total Animal Products	17 510	-	-	135	-	17 645	0.0
Bituminous Coal	5 276 522	-	-	-	-	5 276 522	14.3
Coke	459 181	-	-	-	-	459 181	1.2
Iron Ore	5 698 201	-	-	-	-	5 698 201	15.4
Aluminum Ore and Concentrates	167 487	-	-	-	-	167 487	0.5
Clay and Bentonite	151 385	-	-	-	100	151 485	0.4
Gravel and Sand	163 412	-	-	-	-	163 412	0.4
Stone, Ground or Crushed	1 164 269	-	-	-	-	1 164 269	3.2
Stone, Rough	15 115	-	-	-	-	15 115	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 355 831	-	-	-	-	1 355 831	3.7
Phosphate Rock	-	-	-	-	-	-	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	731 808	-	-	-	3	731 811	2.0
Total Mine Products	15 183 211	-	-	-	103	15 183 314	41.1
Pulpwood	-	-	-	-	-	-	0.0
Other Forest Products	20 339	-	-	58	1 104	21 501	0.1
Total Forest Products	20 339	-	-	58	1 104	21 501	0.1
Gasoline	150 401	-	-	-	-	150 401	0.4
Fuel Oil	655 024	-	-	-	-	655 024	1.8
Lubricating Oils and Grease	27 297	-	-	-	-	27 297	0.1
Petroleum Products, Other	-	-	-	-	1	1	0.0
Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	0.0
Chemicals	527 239	-	-	373	2 026	529 638	1.4
Sodium Products	30 091	-	-	39	-	30 130	0.1
Tar, Pitch and Creosote	71 109	-	-	-	-	71 109	0.2
Pig Iron	35 577	-	-	-	-	35 577	0.1
Iron and Steel, Bars, Rods, Slabs	-	-	-	-	160 645	160 645	0.4
Iron and Steel, Nails and Wire	-	-	-	87	413	500	0.0
Iron and Steel, Manufactured	-	-	-	1 062	2 387 333	2 388 395	6.5
Machinery and Machines	2 581	-	-	2 061	15 469	20 111	0.1
Cement	355 305	-	-	-	-	355 305	1.0
Woodpulp	55 905	-	-	-	-	55 905	0.2
Newsprint	-	-	-	-	-	-	0.0
Syrup and Molasses	-	-	-	-	-	-	0.0
Sugar	-	-	-	-	-	-	0.0
Food Products	-	-	-	908	-	908	0.0
Scrap Iron and Steel	314 278	-	-	-	-	314 278	0.9
Other Manufactures and Misc. (1)	854 324	60 383	11 036	5 316	41 879	972 938	2.6
Total Manufactures and Misc.	3 079 131	60 383	11 036	9 846	2 607 766	5 768 162	15.6
GRAND TOTAL	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1991

TABLE 10W PART A — WELLAND CANAL SECTION

NO.	COMMODITY (From: / To:)	UPBOUND TONNES						TOTAL UP-BOUND	% OF TOTAL UP-BOUND
		CANADA		UNITED STATES		FOREIGN			
		Canada	United States	Canada	United States	Canada	United States		
1	Wheat	5 513	-	-	-	-	-	5 513	0.1
2	Corn	-	-	-	-	-	-	-	0.0
3	Rye	-	-	-	-	-	-	-	0.0
4	Oats	-	-	-	-	-	-	-	0.0
5	Barley	-	-	-	-	-	-	-	0.0
6	Flour, Wheat	-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other	-	-	-	-	-	-	-	0.0
8	Soybeans	-	-	-	-	-	-	-	0.0
9	Soybean Oil Cake and Meal	-	-	-	-	-	-	-	0.0
10	Beans and Peas	-	-	-	-	-	-	-	0.0
11	Malt	-	-	-	-	-	-	-	0.0
12	Flaxseed	-	-	-	-	-	-	-	0.0
13	Sunflower Seeds	-	-	-	-	-	-	-	0.0
14	Other Agricultural Products	-	-	-	-	14 700	-	14 700	0.2
15	Total Agricultural Products	5 513	-	-	-	14 700	-	20 213	0.3
16	Packing House Products, Edible	-	-	-	-	-	-	-	0.0
17	Hides, Skins and Pelts	-	-	-	-	-	86	86	0.0
18	Other Animal Products	-	-	-	-	-	-	-	0.0
19	Total Animal Products	-	-	-	-	-	86	86	0.0
20	Bituminous Coal	-	-	-	-	-	-	-	0.0
21	Coke	-	-	-	-	-	-	-	0.0
22	Iron Ore	319 537	3 444 887	-	-	-	48 477	3 812 901	48.4
23	Aluminum Ore and Concentrates	21 498	-	-	-	138 036	-	159 534	2.0
24	Clay and Bentonite	-	-	-	-	-	4 203	4 203	0.1
25	Gravel and Sand	-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed	22 983	429 722	-	-	-	-	452 705	5.7
27	Stone, Rough	-	-	-	15 115	-	-	15 115	0.2
28	Petroleum, Crude	-	-	-	-	-	-	-	0.0
29	Salt	-	-	-	-	-	-	-	0.0
30	Phosphate Rock	-	-	-	-	-	-	-	0.0
31	Sulphur	-	-	-	-	-	-	-	0.0
32	Other Mine Products	-	38 477	-	-	21 000	169 405	228 882	2.9
33	Total Mine Products	364 018	3 913 086	-	15 115	159 036	222 085	4 673 340	59.3
34	Pulpwood	-	-	-	-	-	-	-	0.0
35	Other Forest Products	-	-	-	-	-	-	-	0.0
36	Total Forest Products	-	-	-	-	-	-	-	0.0
37	Gasoline	28 525	-	-	-	-	-	28 525	0.4
38	Fuel Oil	29 247	-	-	-	14 048	-	43 295	0.5
39	Lubricating Oils and Grease	-	-	-	-	27 297	-	27 297	0.3
40	Petroleum Products, Other	-	-	-	-	-	1	1	0.0
41	Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	-	0.0
42	Chemicals	-	3 200	24 973	-	35 165	35 565	98 903	1.3
43	Sodium Products	4 065	-	-	-	-	39	4 104	0.1
44	Tar, Pitch and Creosote	-	8 860	-	-	-	34 206	43 066	0.5
45	Pig Iron	-	35 577	-	-	-	-	35 577	0.5
46	Iron and Steel, Bars, Rods, Slabs	-	11 369	-	-	-	148 763	160 132	2.0
47	Iron and Steel, Nails and Wire	-	-	-	-	-	500	500	0.0
48	Iron and Steel, Manufactured	-	-	-	-	5 735	1 430 093	1 435 828	18.2
49	Machinery and Machines	-	-	-	381	376	12 287	13 044	0.2
50	Cement	35 680	313 165	-	-	-	-	348 845	4.4
51	Woodpulp	-	16 099	-	-	-	12 650	28 749	0.4
52	Newsprint	-	-	-	-	-	-	-	0.0
53	Syrup and Molasses	-	-	-	-	-	-	-	0.0
54	Sugar	-	-	-	-	-	-	-	0.0
55	Food Products	-	-	-	-	-	182	182	0.0
56	Scrap Iron and Steel	211 198	26 727	-	-	-	507	238 432	3.0
57	Other Manufactures and Misc. (1)	40 833	475 040	16 275	-	5 615	145 807	683 570	8.7
58	Total Manufactures and Misc.	349 548	890 037	41 248	381	88 236	1 820 600	3 190 050	40.5
59	GRAND TOTAL	719 079	4 803 123	41 248	15 496	261 972	2 042 771	7 883 689	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1991

TABLE 10W PART B — WELLAND CANAL SECTION

DOWNBOUND TONNES										
From:	CANADA			UNITED STATES			TOTAL DOWN-BOUND	% OF TOTAL DOWN-BOUND	GRAND TOTALS		
To:	Canada	United States	Foreign	Canada	United States	Foreign			TOTAL CARGO TONNES	% OF TOTAL	NO.
	10 909 332	-	186 382	760 153	-	571 424	12 427 291	42.8	12 432 804	33.7	1
	488 735	-	63 251	764 501	-	240 836	1 557 323	5.4	1 557 323	4.2	2
	-	-	1 403	-	-	-	1 403	0.0	1 403	0.0	3
	1 050	-	-	-	-	-	1 050	0.0	1 050	0.0	4
	70 672	-	60 000	498 361	-	35 174	664 207	2.3	664 207	1.8	5
	-	-	30 930	26 531	-	7 138	64 599	0.2	64 599	0.2	6
	-	-	-	-	-	-	-	0.0	-	0.0	7
	-	-	103 938	8 400	-	357 074	469 412	1.6	469 412	1.3	8
	-	-	-	-	-	-	-	0.0	-	0.0	9
	-	-	107 915	-	-	65 456	173 371	0.6	173 371	0.5	10
	15 193	-	-	-	-	-	15 193	0.1	15 193	0.0	11
	-	-	171 718	-	-	-	171 718	0.6	171 718	0.5	12
	-	-	-	-	-	32 609	32 609	0.1	32 609	0.1	13
	223 397	-	70 391	-	-	36 173	329 961	1.1	344 661	0.9	14
	11 708 379	-	795 928	2 057 946	-	1 345 884	15 908 137	54.8	15 928 350	43.1	15
	-	-	-	-	-	-	-	0.0	-	0.0	16
	-	-	-	-	-	49	49	0.0	135	0.0	17
	-	-	-	-	-	17 510	17 510	0.1	17 510	0.0	18
	-	-	-	-	-	17 559	17 559	0.1	17 645	0.0	19
	26 442	-	-	5 220 488	-	29 592	5 276 522	18.2	5 276 522	14.3	20
	-	-	24 057	198 153	-	236 971	459 181	1.6	459 181	1.2	21
	-	-	-	1 885 300	-	-	1 885 300	6.5	5 698 201	15.4	22
	-	-	-	7 953	-	-	7 953	0.0	167 487	0.5	23
	-	-	-	80 282	-	67 000	147 282	0.5	151 485	0.4	24
	-	-	-	163 412	-	-	163 412	0.6	163 412	0.4	25
	516 423	-	-	195 141	-	-	711 564	2.5	1 164 269	3.2	26
	-	-	-	-	-	-	-	0.0	15 115	0.0	27
	-	-	-	-	-	-	-	0.0	-	0.0	28
	1 153 145	42 438	-	160 248	-	-	1 355 831	4.7	1 355 831	3.7	29
	-	-	-	-	-	-	-	0.0	-	0.0	30
	-	-	-	-	-	-	-	0.0	-	0.0	31
	110 998	37 568	211 302	135 846	-	7 215	502 929	1.7	731 811	2.0	32
	1 807 008	80 006	235 359	8 046 823	-	340 778	10 509 974	36.2	15 183 314	41.1	33
	-	-	-	-	-	-	-	0.0	-	0.0	34
	-	-	20 214	-	-	1 287	21 501	0.1	21 501	0.1	35
	-	-	20 214	-	-	1 287	21 501	0.1	21 501	0.1	36
	56 823	-	-	65 053	-	-	121 876	0.4	150 401	0.4	37
	515 261	89 663	-	6 805	-	-	611 729	2.1	655 024	1.8	38
	-	-	-	-	-	-	-	0.0	27 297	0.1	39
	-	-	-	-	-	-	-	0.0	1	0.0	40
	-	-	-	-	-	-	-	0.0	-	0.0	41
	171 991	75 197	180 281	-	-	3 266	430 735	1.5	529 638	1.4	42
	26 026	-	-	-	-	-	26 026	0.1	30 130	0.1	43
	5 714	-	-	22 329	-	-	28 043	0.1	71 109	0.2	44
	-	-	-	-	-	-	-	0.0	35 577	0.1	45
	-	-	-	-	-	513	513	0.0	160 645	0.4	46
	-	-	-	-	-	-	-	0.0	500	0.0	47
	-	-	428 593	7 929	-	516 045	952 567	3.3	2 388 395	6.5	48
	-	-	2 812	88	2 200	860	5 960	0.0	19 004	0.1	49
	-	-	-	-	6 460	-	6 460	0.0	355 305	1.0	50
	-	-	25 008	-	-	2 148	27 156	0.1	55 905	0.2	51
	-	-	-	-	-	-	-	0.0	-	0.0	52
	-	-	-	-	-	-	-	0.0	-	0.0	53
	-	-	-	-	-	-	-	0.0	-	0.0	54
	-	-	-	-	-	726	726	0.0	908	0.0	55
	-	-	-	-	-	75 846	75 846	0.3	314 278	0.9	56
	39 322	-	34 024	3 355	-	213 774	290 475	1.0	974 045	2.6	57
	815 137	164 860	670 718	105 559	8 660	813 178	2 578 112	8.9	5 768 162	15.6	58
	14 330 524	244 866	1 722 219	10 210 328	8 660	2 518 686	29 035 283	100.0	36 918 972	100.0	59

TRAFFIC BY VESSEL LENGTH
1991

TABLE 11W

WELLAND CANAL SECTION

VESSEL LENGTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
under 32 m	1	64	65	11 588	1 908	-	-	-	-	1 908	0.0	9 537.04	0.0
32 - 62 m	95	47	142	51 991	381	-	-	-	324	705	0.0	26 511.11	0.1
63 - 93 m	5	33	38	102 203	10 162	-	-	-	1 978	12 160	0.0	108 230.60	0.3
94 - 124 m	63	69	132	619 503	316 996	-	-	-	27 841	344 837	0.9	602 331.27	1.8
125 - 155 m	63	114	177	1 350 542	261 375	-	-	1 607	112 794	375 776	1.0	826 223.88	2.5
156 - 186 m	108	58	166	2 490 631	401 203	14 700	-	414	927 478	1 343 795	3.6	1 638 983.91	5.0
187 - 217 m	51	81	132	1 912 449	702 771	5 396	-	-	151 839	860 006	2.3	839 713.32	2.6
over 217 m	214	729	943	16 308 382	4 517 435	117	-	4 956	421 994	4 944 502	13.4	6 758 277.62	20.7
Total Upbound	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4	10 809 808.75	33.1
DOWNBOUND:													
under 32 m	-	59	59	10 009	-	-	-	-	-	-	0.0	7 305.28	0.0
32 - 62 m	97	45	142	54 723	2 200	-	-	-	-	2 200	0.0	32 002.06	0.1
63 - 93 m	32	9	41	104 709	132 521	-	-	-	576	133 097	0.4	191 469.69	0.6
94 - 124 m	84	48	132	619 447	504 231	87 346	-	-	3 975	595 552	1.6	735 928.53	2.3
125 - 155 m	155	20	175	1 327 505	942 498	232 615	41 483	3 297	19 813	1 239 706	3.4	1 277 125.39	3.9
156 - 186 m	145	19	164	2 459 515	350 540	1 030 895	44 845	-	695 274	2 121 554	5.7	1 996 388.94	6.1
187 - 217 m	117	10	127	1 840 964	579 157	1 172 504	35 300	-	228 001	2 014 962	5.5	1 590 959.58	4.9
over 217 m	919	16	935	16 175 806	9 603 324	13 307 802	-	-	17 086	22 928 212	62.1	16 004 573.91	49.0
Total Downbound	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6	21 835 753.38	66.9
TOTALS:													
under 32 m	1	123	124	21 597	1 908	-	-	-	-	1 908	0.0	16 842.32	0.1
32 - 62 m	192	92	284	106 714	2 581	-	-	-	324	2 905	0.0	58 513.17	0.2
63 - 93 m	37	42	79	206 912	142 703	-	-	-	2 554	145 257	0.4	299 700.29	0.9
94 - 124 m	147	117	264	1 238 950	821 227	87 346	-	-	31 816	940 389	2.5	1 338 259.80	4.1
125 - 155 m	218	134	352	2 678 047	1 203 873	232 615	41 483	4 904	132 607	1 615 482	4.4	2 103 349.27	6.4
156 - 186 m	253	77	330	4 950 146	751 743	1 045 595	44 845	414	1 622 752	3 465 349	9.4	3 635 372.85	11.1
187 - 217 m	168	91	259	3 753 413	1 281 928	1 177 900	35 300	-	379 840	2 874 968	7.8	2 430 672.90	7.4
over 217 m	1 133	745	1 878	32 484 188	14 120 759	13 307 919	-	4 956	439 080	27 872 714	75.5	22 762 851.53	69.7
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

TRAFFIC BY VESSEL SIZE IN GROSS REGISTERED TONS
1991

TABLE 12W

WELLAND CANAL SECTION

GROSS REGISTERED TONS	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
UPBOUND:											
under 1000	97	105	202	55 910	2 289	-	-	-	472	2 761	0.0
1000 - 1999	3	24	27	53 010	10 182	-	-	-	222	10 404	0.0
2000 - 2999	1	10	11	31 159	3 547	-	-	-	-	3 547	0.0
3000 - 3999	12	40	52	198 336	28 357	-	-	55	8 013	36 425	0.1
4000 - 4999	23	38	61	283 681	90 654	-	-	-	14 589	105 243	0.3
5000 - 5999	31	41	72	403 425	203 378	-	-	-	-	203 378	0.6
6000 - 6999	17	13	30	195 573	82 654	-	-	-	33 960	116 614	0.3
7000 - 7999	6	12	18	137 556	18 713	-	-	1 047	18 207	37 967	0.1
8000 - 8999	23	13	36	304 247	113 286	-	-	386	46 954	160 626	0.4
9000 - 9999	18	44	62	587 488	136 234	-	-	119	4 167	140 520	0.4
10000 - 10999	3	6	9	94 385	32 608	-	-	-	-	32 608	0.1
11000 - 11999	11	9	20	227 983	72 216	-	-	-	5 038	77 254	0.2
12000 - 12999	13	-	13	161 948	20 533	-	-	-	80 517	101 050	0.3
13000 - 13999	18	22	40	552 681	312 517	-	-	-	25 503	338 020	0.9
14000 - 14999	29	66	95	1 386 040	376 182	14 700	-	-	111 969	502 851	1.4
15000 - 15999	50	173	223	3 502 282	754 246	5 396	-	-	183 355	942 997	2.6
16000 - 16999	106	250	356	5 839 711	1 824 009	117	-	111	379 375	2 203 612	6.0
17000 & over	139	329	468	8 831 874	2 130 646	-	-	5 259	731 907	2 867 812	7.8
Total Up	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4
DOWNBOUND:											
under 1000	95	102	197	56 985	740	-	-	-	-	740	0.0
1000 - 1999	19	10	29	55 594	48 158	-	-	-	576	48 734	0.1
2000 - 2999	5	6	11	31 159	20 181	-	-	-	-	20 181	0.1
3000 - 3999	46	6	52	198 336	274 862	-	-	51	3 038	277 951	0.8
4000 - 4999	47	14	61	283 963	286 094	51 352	-	-	4 208	341 654	0.9
5000 - 5999	47	25	72	403 489	358 177	6 045	-	-	-	364 222	1.0
6000 - 6999	22	8	30	195 564	146 084	35 108	-	-	-	181 192	0.5
7000 - 7999	15	3	18	138 345	129 370	30 524	-	-	-	159 894	0.4
8000 - 8999	31	5	36	304 247	120 241	32 668	28 258	1 639	11 291	194 097	0.5
9000 - 9999	53	7	60	568 562	166 813	378 945	-	1 607	5 251	552 616	1.5
10000 - 10999	6	2	8	84 151	5 223	46 890	13 225	-	-	65 338	0.2
11000 - 11999	17	3	20	227 983	123 184	63 252	-	-	-	186 436	0.5
12000 - 12999	6	7	13	156 303	20 271	19 964	-	-	2 480	42 715	0.1
13000 - 13999	32	5	37	510 721	198 930	297 519	12 196	-	9 954	518 599	1.4
14000 - 14999	90	4	94	1 372 314	703 128	1 098 117	-	-	15 221	1 816 466	4.9
15000 - 15999	218	3	221	3 469 558	617 807	4 277 529	17 646	-	76 263	4 989 245	13.5
16000 - 16999	347	3	350	5 741 378	1 491 338	6 402 203	32 649	-	351 884	8 278 074	22.4
17000 & over	453	13	466	8 794 026	7 403 870	3 091 046	17 654	-	484 559	10 997 129	29.8
Total Down	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6
TOTALS:											
under 1000	192	207	399	112 895	3 029	-	-	-	472	3 501	0.0
1000 - 1999	22	34	56	108 604	58 340	-	-	-	798	59 138	0.2
2000 - 2999	6	16	22	62 318	23 728	-	-	-	-	23 728	0.1
3000 - 3999	58	46	104	396 672	303 219	-	-	106	11 051	314 376	0.9
4000 - 4999	70	52	122	567 644	376 748	51 352	-	-	13 797	446 897	1.2
5000 - 5999	78	66	144	806 914	561 555	6 045	-	-	-	567 600	1.5
6000 - 6999	39	21	60	391 137	228 738	35 108	-	-	33 960	297 806	0.8
7000 - 7999	21	15	36	275 901	148 083	30 524	-	1 047	18 207	197 861	0.5
8000 - 8999	54	18	72	608 494	233 527	32 668	28 258	2 025	58 245	354 723	1.0
9000 - 9999	71	51	122	1 156 050	303 047	378 945	-	1 726	9 418	693 136	1.9
10000 - 10999	9	8	17	178 536	37 831	46 890	13 225	-	-	97 946	0.3
11000 - 11999	28	12	40	455 966	195 400	63 252	-	-	5 038	263 690	0.7
12000 - 12999	19	7	26	318 251	40 804	19 964	-	-	82 997	143 765	0.4
13000 - 13999	50	27	77	1 063 402	511 447	297 519	12 196	-	35 457	856 619	2.3
14000 - 14999	119	70	189	2 758 354	1 079 310	1 112 817	-	-	127 190	2 319 317	6.3
15000 - 15999	268	176	444	6 971 840	1 372 053	4 282 925	17 646	-	259 618	5 932 242	16.1
16000 - 16999	453	253	706	11 581 089	3 315 347	6 402 320	32 649	111	731 259	10 481 686	28.4
17000 & over	592	342	934	17 625 900	9 534 516	3 091 046	17 654	5 259	1 216 466	13 864 941	37.6
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0

TRAFFIC BY MONTH AND TYPE OF CARGO

1991

WELLAND CANAL SECTION

TABLE 13W

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	$	%
UPBOUND:													
March	4	29	33	434 299	80 928	-	-	-	-	80 928	0.2	119 312.35	0.4
April	56	136	192	2 646 158	641 158	-	-	1 512	175 880	818 550	2.2	1 172 570.34	3.6
May	70	153	223	2 866 635	833 369	-	-	586	142 357	976 312	2.6	1 304 630.94	4.0
June	70	158	228	2 765 239	460 288	117	-	544	169 995	630 944	1.7	1 116 518.50	3.4
July	79	141	220	2 620 696	749 068	-	-	418	148 749	898 235	2.4	1 249 290.05	3.8
August	74	113	187	2 190 162	703 929	-	-	1 123	118 592	823 644	2.2	1 034 964.38	3.2
September	66	120	186	2 254 968	687 896	-	-	621	197 352	885 869	2.4	1 175 175.57	3.6
October	71	127	198	2 655 699	817 509	-	-	1 660	200 278	1 019 447	2.8	1 327 404.82	4.1
November	80	129	209	2 863 508	881 122	14 700	-	290	396 043	1 292 155	3.5	1 616 227.74	5.0
December	30	89	119	1 549 925	356 984	5 396	-	223	95 002	457 605	1.2	693 714.06	2.1
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Upbound	600	1 195	1 795	22 847 289	6 212 251	20 213	-	6 977	1 644 248	7 883 689	21.4	10 809 808.75	33.1
DOWNBOUND:													
March	6	7	13	142 502	33 442	100 870	-	-	-	134 312	0.4	97 147.72	0.3
April	157	22	179	2 466 753	1 460 823	1 698 918	-	-	134 997	3 294 738	8.9	2 443 187.84	7.5
May	187	34	221	2 797 930	1 172 913	2 355 242	-	24	87 792	3 615 971	9.8	2 708 698.62	8.3
June	214	23	237	2 949 497	1 473 014	2 111 921	13 225	119	241 452	3 839 731	10.4	2 897 427.92	8.9
July	178	20	198	2 404 865	1 451 715	1 618 247	10 553	338	106 716	3 187 569	8.6	2 389 160.75	7.3
August	167	33	200	2 286 735	1 510 308	1 271 951	39 476	663	73 202	2 895 600	7.8	2 170 771.24	6.6
September	164	19	183	2 252 649	1 477 446	1 256 783	58 374	1 687	75 973	2 870 263	7.8	2 157 705.62	6.6
October	172	21	193	2 517 960	1 407 189	1 771 484	-	232	104 045	3 282 950	8.9	2 459 883.13	7.5
November	174	16	190	2 606 744	1 313 818	2 064 491	-	175	53 515	3 431 999	9.3	2 568 392.96	7.9
December	130	31	161	2 167 043	813 803	1 581 255	-	59	87 033	2 482 150	6.7	1 943 377.58	6.0
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Downbound	1 549	226	1 775	22 592 678	12 114 471	15 831 162	121 628	3 297	964 725	29 035 283	78.6	21 835 753.38	66.9
TOTALS:													
March	10	36	46	576 801	114 370	100 870	-	-	-	215 240	0.6	216 460.07	0.7
April	213	158	371	5 112 911	2 101 981	1 698 918	-	1 512	310 877	4 113 288	11.1	3 615 758.18	11.1
May	257	187	444	5 664 565	2 006 282	2 355 242	-	610	230 149	4 592 283	12.4	4 013 329.56	12.3
June	284	181	465	5 714 736	1 933 302	2 112 038	13 225	663	411 447	4 470 675	12.1	4 013 946.42	12.3
July	257	161	418	5 025 561	2 200 783	1 618 247	10 553	756	255 465	4 085 804	11.1	3 638 450.80	11.1
August	241	146	387	4 476 897	2 214 237	1 271 951	39 476	1 786	191 794	3 719 244	10.1	3 205 735.62	9.8
September	230	139	369	4 507 617	2 165 342	1 256 783	58 374	2 308	273 325	3 756 132	10.2	3 332 881.19	10.2
October	243	148	391	5 173 659	2 224 698	1 771 484	-	1 892	304 323	4 302 397	11.7	3 787 287.95	11.6
November	254	145	399	5 470 252	2 194 940	2 079 191	-	465	449 558	4 724 154	12.8	4 184 620.70	12.8
December	160	120	280	3 716 968	1 170 787	1 586 651	-	282	182 035	2 939 755	8.0	2 637 091.64	8.1
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
GRAND TOTAL	2 149	1 421	3 570	45 439 967	18 326 722	15 851 375	121 628	10 274	2 608 973	36 918 972	100.0	32 645 562.13	100.0

TRAFFIC RESULTS
1959 - 1991

HISTORICAL TABLE 14W

WELLAND CANAL SECTION

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total
										$	$	$
1959	4 078	3 994	8 072	8 766 100	16 214 644	24 980 744	16 431 297	16 253 019	32 684 316	539 551	681 885	1 221 436
1960	3 802	3 734	7 536	7 595 598	18 939 272	26 534 870	17 827 487	17 700 778	35 528 265	530 004	788 353	1 318 357
1961	3 895	3 852	7 747	6 955 950	21 579 366	28 535 316	20 526 749	20 197 329	40 724 078	571 108	889 343	1 460 451
1962	3 843	3 772	7 615	9 836 922	22 283 136	32 120 058	21 767 377	21 385 156	43 152 533	249 675	390 518	640 193
1963	3 828	3 769	7 597	11 931 721	25 538 163	37 469 884	24 204 537	23 843 127	48 047 664	-	-	-
1964	4 146	4 158	8 304	16 820 427	29 798 445	46 618 872	27 333 030	27 533 536	54 866 566	-	-	-
1965	4 183	4 201	8 384	18 097 086	30 364 883	48 461 969	28 790 195	28 710 105	57 500 300	-	-	-
1966	4 336	4 378	8 714	20 473 738	33 296 611	53 770 349	31 744 958	31 735 164	63 480 122	-	-	-
1967	3 697	3 740	7 437	20 324 823	27 583 070	47 907 893	27 454 783	27 576 227	55 031 010	430 135	483 140	913 275
1968	3 581	3 623	7 204	23 751 472	28 933 020	52 684 492	29 317 614	29 511 720	58 829 334	833 385	915 780	1 749 165
1969	3 426	3 437	6 863	17 580 136	30 983 580	48 563 716	28 840 358	28 798 943	57 639 301	1 142 840	1 351 235	2 494 075
1970	3 557	3 565	7 122	19 207 917	37 910 928	57 118 845	31 447 666	31 410 163	62 857 829	1 588 080	1 945 325	3 533 405
1971	3 425	3 453	6 878	19 591 631	37 613 842	57 205 473	32 237 635	32 286 030	64 523 665	1 956 332	2 375 270	4 331 602
1972	3 390	3 388	6 778	19 160 181	39 075 301	58 235 482	33 249 105	33 087 271	66 336 376	1 892 370	2 350 235	4 242 605
1973	3 411	3 404	6 815	21 513 431	39 444 559	60 957 990	33 004 645	33 265 696	66 270 341	1 901 285	2 331 170	4 232 455
1974	2 580	2 591	5 171	18 279 971	29 220 185	47 500 156	25 554 751	25 538 549	51 093 300	1 446 250	1 730 438	3 176 688
1975	3 010	3 031	6 041	17 137 576	37 156 544	54 294 120	30 715 428	30 829 616	61 545 044	1 607 168	2 112 850	3 720 018
1976	2 928	2 964	5 892	23 285 853	35 082 590	58 368 443	31 001 484	30 982 724	61 984 208	1 726 550	2 062 858	3 789 408
1977	3 080	3 082	6 162	27 366 888	37 710 559	65 077 447	32 816 461	32 909 130	65 725 591	1 877 060	2 153 878	4 030 938
1978	3 310	3 295	6 605	21 257 777	44 413 215	65 670 992	37 128 590	36 870 848	73 999 438	6 903 371	11 387 936	18 291 307
1979	3 267	3 265	6 532	20 286 150	45 878 396	66 164 546	37 413 846	37 406 381	74 820 227	7 678 270	13 563 360	21 241 630
1980	3 287	3 280	6 567	11 986 348	47 619 633	59 605 981	37 615 582	37 629 374	75 244 956	6 259 535	17 350 353	23 609 888
1981	2 979	2 963	5 942	16 601 880	42 248 995	58 850 875	34 350 642	34 188 081	68 538 723	7 703 325	15 389 304	23 092 629
1982	2 578	2 577	5 155	8 824 472	40 199 632	49 024 104	31 824 878	31 728 971	63 553 849	7 043 197	17 486 035	24 529 232
1983	2 356	2 351	4 707	12 305 327	37 839 759	50 145 086	30 442 985	30 112 815	60 555 800	10 060 475	18 084 140	28 144 615
1984	2 369	2 381	4 750	14 079 793	39 837 065	53 916 858	31 561 360	31 673 380	63 234 740	10 951 474	18 879 025	29 830 499
1985	1 908	1 918	3 826	10 887 501	30 964 259	41 851 760	25 154 052	25 156 487	50 310 539	8 521 922	14 746 841	23 268 763
1986	1 989	1 970	3 959	10 224 030	31 388 740	41 612 770	26 292 247	26 191 305	52 483 552	9 718 205	17 414 086	27 132 291
1987	1 972	1 942	3 914	11 430 043	31 294 712	42 724 755	25 866 562	25 827 198	51 693 760	10 934 931	18 741 282	29 676 213
1988	1 963	1 946	3 909	12 363 992	31 172 325	43 536 317	25 678 177	25 497 142	51 175 319	12 360 061	20 337 571	32 697 632
1989	1 794	1 804	3 598	12 113 108	27 796 342	39 909 450	22 736 432	22 999 006	45 735 438	11 953 147	19 265 109	31 218 256
1990	1 794	1 783	3 577	11 961 465	27 436 435	39 397 900	22 358 350	22 224 174	44 582 524	12 190 233	19 561 243	31 751 476
1991	1 795	1 775	3 570	7 883 689	29 035 283	36 918 972	22 847 289	22 592 678	45 439 967	10 809 809	21 835 753	32 645 562
TOTAL	101 557	101 386	202 943	509 882 996	1 085 853 489	1 595 736 485	935 536 552	933 652 123	1 869 188 675	151 379 748	266 604 316	417 984 064

CARGO BY TARIFF CLASSIFICATION

1959 - 1991

HISTORICAL TABLE 15W

WELLAND CANAL SECTION

YEAR	BULK		GRAINS		GOVT. AID		CONTAINERS		GENERAL		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	23 308 292	93.3	-	0.0	-	0.0	-	0.0	1 672 452	6.7	24 980 744	100.0
1960	24 818 852	93.5	-	0.0	-	0.0	-	0.0	1 716 018	6.5	26 534 870	100.0
1961	26 831 290	94.0	-	0.0	-	0.0	-	0.0	1 704 026	6.0	28 535 316	100.0
1962	30 232 066	94.1	-	0.0	-	0.0	-	0.0	1 887 992	5.9	32 120 058	100.0
1963	35 259 789	94.1	-	0.0	-	0.0	-	0.0	2 210 095	5.9	37 469 884	100.0
1964	43 816 326	94.0	-	0.0	-	0.0	-	0.0	2 802 546	6.0	46 618 872	100.0
1965	44 198 339	91.2	-	0.0	-	0.0	-	0.0	4 263 630	8.8	48 461 969	100.0
1966	49 457 587	92.0	-	0.0	-	0.0	-	0.0	4 312 762	8.0	53 770 349	100.0
1967	43 303 804	90.4	-	0.0	-	0.0	-	0.0	4 604 089	9.6	47 907 893	100.0
1968	46 169 258	87.6	-	0.0	-	0.0	-	0.0	6 515 234	12.4	52 684 492	100.0
1969	42 951 603	88.4	-	0.0	-	0.0	-	0.0	5 612 113	11.6	48 563 716	100.0
1970	51 806 382	90.7	-	0.0	-	0.0	-	0.0	5 312 464	9.3	57 118 846	100.0
1971	49 988 093	87.4	-	0.0	-	0.0	-	0.0	7 217 380	12.6	57 205 473	100.0
1972	52 047 776	89.4	-	0.0	-	0.0	-	0.0	6 187 705	10.6	58 235 481	100.0
1973	56 311 178	92.4	-	0.0	-	0.0	-	0.0	4 646 812	7.6	60 957 990	100.0
1974	43 940 811	92.5	-	0.0	-	0.0	-	0.0	3 559 345	7.5	47 500 156	100.0
1975	51 542 945	94.9	-	0.0	-	0.0	-	0.0	2 751 175	5.1	54 294 120	100.0
1976	54 924 368	94.1	-	0.0	-	0.0	-	0.0	3 444 075	5.9	58 368 443	100.0
1977	59 472 129	91.4	-	0.0	-	0.0	-	0.0	5 605 318	8.6	65 077 447	100.0
1978	32 538 514	49.5	28 915 882	44.0	128 945	0.2	198 747	0.3	3 888 904	5.9	65 670 992	100.0
1979	36 433 937	55.1	26 125 570	39.5	158 887	0.2	186 229	0.3	3 259 923	4.9	66 164 546	100.0
1980	29 597 504	49.7	28 144 695	47.2	168 103	0.3	139 942	0.2	1 555 737	2.6	59 605 981	100.0
1981	30 284 988	51.5	25 556 622	43.4	242 580	0.4	39 188	0.1	2 727 497	4.6	58 850 875	100.0
1982	21 490 570	43.8	25 179 641	51.4	290 707	0.6	53 826	0.1	2 009 360	4.1	49 024 104	100.0
1983	22 059 063	44.0	24 804 023	49.5	294 326	0.6	37 356	0.1	2 950 318	5.9	50 145 086	100.0
1984	24 972 587	46.3	24 441 099	45.3	229 730	0.4	111 011	0.2	4 162 431	7.7	53 916 858	100.0
1985	21 168 333	50.6	17 024 549	40.7	261 476	0.6	79 154	0.2	3 318 248	7.9	41 851 760	100.0
1986	21 182 530	50.9	17 015 294	40.9	227 432	0.5	22 966	0.1	3 164 548	7.6	41 612 770	100.0
1987	20 427 881	47.8	19 072 346	44.6	210 398	0.5	24 308	0.1	2 989 822	7.0	42 724 755	100.0
1988	24 119 789	55.4	16 062 624	36.9	84 327	0.2	23 490	0.1	3 246 087	7.5	43 536 317	100.0
1989	24 387 306	61.1	12 094 818	30.3	151 603	0.4	16 644	0.0	3 259 079	8.2	39 909 450	100.0
1990	23 788 081	60.4	12 656 979	32.1	67 217	0.2	12 025	0.0	2 873 598	7.3	39 397 900	100.0
1991	18 326 722	49.7	15 851 375	42.9	121 628	0.3	10 274	0.0	2 608 973	7.1	36 918 972	100.0
TOTAL	1 181 158 693	74.0	292 945 517	18.3	2 637 359	0.2	955 160	0.1	118 039 756	7.4	1 595 736 485	100.0

TOTAL TOLLS REVENUE

1959 - 1991

HISTORICAL TABLE 16W

WELLAND CANAL SECTION

YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	Bulk	Grains	Govt. Aid	Con-tainers	General	Total				
	$	$	$	$	$	$	$	$	$	$
1959	496 682	NOT	NOT	NOT	89 212	585 894	627 159	NOT	8 383	1 221 436
1960	526 025	APPLICABLE	APPLICABLE	APPLICABLE	90 925	616 950	683 116	APPLICABLE	18 291	1 318 357
1961	567 548	-	-	-	90 111	657 659	781 044	-	21 748	1 460 451
1962*	-	-	-	-	-	-	-	-	640 193	640 193
1963	NOT	-	-	-	NOT	NOT	NOT	-	NOT	-
1964	APPLICABLE	-	-	-	APPLICABLE	APPLICABLE	APPLICABLE	-	APPLICABLE	-
1965	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	913 275	-	913 275
1968	-	-	-	-	-	-	-	1 749 165	-	1 749 165
1969	-	-	-	-	-	-	-	2 494 075	-	2 494 075
1970	-	-	-	-	-	-	-	3 533 405	-	3 533 405
1971	-	-	-	-	-	-	-	4 331 602	-	4 331 602
1972	-	-	-	-	-	-	-	4 242 605	-	4 242 605
1973	-	-	-	-	-	-	-	4 232 455	-	4 232 455
1974	-	-	-	-	-	-	-	3 176 688	-	3 176 688
1975	-	-	-	-	-	-	-	3 720 018	-	3 720 018
1976	-	-	-	-	-	-	-	3 789 408	-	3 789 408
1977	-	-	-	-	-	-	-	4 030 938	-	4 030 938
1978	6 265 378	5 744 015	25 789	61 612	1 088 572	13 185 366	5 094 839	NOT	11 102	18 291 307
1979	8 463 499	6 236 588	38 133	57 731	1 271 265	16 067 216	5 164 336	APPLICABLE	10 078	21 241 630
1980	8 855 902	8 680 252	52 112	43 382	777 792	18 409 440	5 189 574	-	10 874	23 609 888
1981	9 055 811	7 869 628	75 200	12 148	1 360 405	18 373 192	4 707 569	-	11 868	23 092 629
1982	6 600 145	7 761 044	90 119	16 686	1 004 663	15 472 657	4 398 370	4 643 925	14 280	24 529 232
1983	6 687 009	7 643 180	91 241	11 580	1 475 130	15 908 140	4 165 373	8 061 656	9 446	28 144 615
1984	7 549 564	7 524 600	71 216	34 413	2 081 184	17 260 977	4 356 780	8 200 688	12 054	29 830 499
1985	6 345 608	5 237 942	81 057	24 538	1 659 124	13 348 269	3 449 541	6 459 219	11 734	23 268 763
1986	7 352 177	6 059 164	81 876	8 268	1 835 438	15 336 923	4 116 802	7 662 160	16 406	27 132 291
1987	7 682 740	7 361 180	82 655	9 480	1 883 577	17 019 032	4 543 936	8 091 383	21 862	29 676 213
1988	9 849 929	6 689 419	35 417	9 866	2 207 339	18 791 970	5 009 609	8 878 770	17 283	32 697 632
1989	10 410 091	5 231 970	-	7 323	2 313 798	17 963 182	4 923 146	8 311 312	20 616	31 218 256
1990	10 546 700	5 769 689	-	5 532	2 126 330	18 448 251	4 784 995	8 491 235	26 995	31 751 476
1991	8 749 779	7 739 819	-	5 034	2 034 769	18 529 401	5 341 273	8 738 160	36 728	32 645 562
TOTAL	116 004 587	95 548 490	724 215	307 593	23 389 634	235 974 519	67 337 462	113 752 142	919 941	417 984 064

* Tolls suspended 7/62. Individual breakout not available for that period.

VESSEL TRANSITS
1959 - 1991

HISTORICAL TABLE 17W

WELLAND CANAL SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL			
		TRANSITS				TRANSITS				TRANSITS		
	CARGO TONNES	Loaded	Ballast	Total	CARGO TONNES	Loaded	Ballast	Total	CARGO TONNES	Loaded	Ballast	Total
1959	8 766 100	2 171	1 907	4 078	16 214 644	3 315	679	3 994	24 980 744	5 486	2 586	8 072
1960	7 595 598	1 960	1 842	3 802	18 939 272	3 247	487	3 734	26 534 870	5 207	2 329	7 536
1961	6 955 950	1 842	2 053	3 895	21 579 366	3 364	488	3 852	28 535 316	5 206	2 541	7 747
1962	9 836 922	2 037	1 806	3 843	22 283 136	3 214	558	3 772	32 120 058	5 251	2 364	7 615
1963	11 931 721	2 069	1 759	3 828	25 538 163	3 199	570	3 769	37 469 884	5 268	2 329	7 597
1964	16 820 427	2 441	1 705	4 146	29 798 445	3 629	529	4 158	46 618 872	6 070	2 234	8 304
1965	18 097 086	2 572	1 611	4 183	30 364 883	3 566	635	4 201	48 461 969	6 138	2 246	8 384
1966	20 473 738	2 689	1 647	4 336	33 296 611	3 698	680	4 378	53 770 349	6 387	2 327	8 714
1967	20 324 823	2 488	1 209	3 697	27 583 070	2 985	755	3 740	47 907 893	5 473	1 964	7 437
1968	23 751 472	2 554	1 027	3 581	28 933 020	2 785	838	3 623	52 684 492	5 339	1 865	7 204
1969	17 580 136	2 102	1 324	3 426	30 983 580	2 835	602	3 437	48 563 716	4 937	1 926	6 863
1970	19 207 917	2 070	1 487	3 557	37 910 928	3 072	493	3 565	57 118 845	5 142	1 980	7 122
1971	19 591 631	2 054	1 371	3 425	37 613 842	2 973	480	3 453	57 205 473	5 027	1 851	6 878
1972	19 160 181	1 968	1 422	3 390	39 075 301	2 923	465	3 388	58 235 482	4 891	1 887	6 778
1973	21 513 431	1 962	1 449	3 411	39 444 559	2 856	548	3 404	60 957 990	4 818	1 997	6 815
1974	18 279 971	1 520	1 060	2 580	29 220 185	2 079	512	2 591	47 500 156	3 599	1 572	5 171
1975	17 137 576	1 446	1 564	3 010	37 156 544	2 599	432	3 031	54 294 120	4 045	1 996	6 041
1976	23 285 853	1 736	1 192	2 928	35 082 590	2 513	451	2 964	58 368 443	4 249	1 643	5 892
1977	27 366 888	2 026	1 054	3 080	37 710 559	2 614	468	3 082	65 077 447	4 640	1 522	6 162
1978	21 257 777	1 667	1 643	3 310	44 413 215	2 927	368	3 295	65 670 992	4 594	2 011	6 605
1979	20 286 150	1 487	1 780	3 267	45 878 396	2 915	350	3 265	66 164 546	4 402	2 130	6 532
1980	11 986 348	917	2 370	3 287	47 619 633	2 992	288	3 280	59 605 981	3 909	2 658	6 567
1981	16 601 880	1 172	1 807	2 979	42 248 995	2 623	340	2 963	58 850 875	3 795	2 147	5 942
1982	8 824 472	641	1 937	2 578	40 199 632	2 320	257	2 577	49 024 104	2 961	2 194	5 155
1983	12 305 327	789	1 567	2 356	37 839 759	2 115	236	2 351	50 145 086	2 904	1 803	4 707
1984	14 079 793	896	1 473	2 369	39 837 065	2 161	220	2 381	53 916 858	3 057	1 693	4 750
1985	10 887 501	713	1 195	1 908	30 964 259	1 702	216	1 918	41 851 760	2 415	1 411	3 826
1986	10 224 030	723	1 266	1 989	31 388 740	1 724	246	1 970	41 612 770	2 447	1 512	3 959
1987	11 430 043	759	1 213	1 972	31 294 712	1 648	294	1 942	42 724 755	2 407	1 507	3 914
1988	12 363 992	810	1 153	1 963	31 172 325	1 658	288	1 946	43 536 317	2 468	1 441	3 909
1989	12 113 108	804	990	1 794	27 796 342	1 573	231	1 804	39 909 450	2 377	1 221	3 598
1990	11 961 465	767	1 027	1 794	27 436 435	1 535	248	1 783	39 397 900	2 302	1 275	3 577
1991	7 883 689	600	1 195	1 795	29 035 283	1 549	226	1 775	36 918 972	2 149	1 421	3 570
TOTAL	509 882 996	52 452	49 105	101 557	1 085 853 489	86 908	14 478	101 386	1 595 736 485	139 360	63 583	202 943

VESSEL ANALYSIS
1959 - 1991

HISTORICAL TABLE 18W

WELLAND CANAL SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL	
	PERCENT OF TOTAL		Percent Loaded	Tonnes/ Loaded Transit	PERCENT OF TOTAL		Percent Loaded	Tonnes/ Loaded Transit	Percent Loaded	Tonnes/ Loaded Transit
	Tonnes	Transits			Tonnes	Transits				
	%	%	%		%	%	%		%	
1959	35.1	50.5	53.2	4 038	64.9	49.5	83.0	4 891	68.0	4 554
1960	28.6	50.5	51.6	3 875	71.4	49.5	87.0	5 833	69.1	5 096
1961	24.4	50.3	47.3	3 776	75.6	49.7	87.3	6 415	67.2	5 481
1962	30.6	50.5	53.0	4 829	69.4	49.5	85.2	6 933	69.0	6 117
1963	31.8	50.4	54.0	5 767	68.2	49.6	84.9	7 983	69.3	7 113
1964	36.1	49.9	58.9	6 891	63.9	50.1	87.3	8 211	73.1	7 680
1965	37.3	49.9	61.5	7 036	62.7	50.1	84.9	8 515	73.2	7 895
1966	38.1	49.8	62.0	7 614	61.9	50.2	84.5	9 004	73.3	8 419
1967	42.4	49.7	67.3	8 169	57.6	50.3	79.8	9 241	73.6	8 753
1968	45.1	49.7	71.3	9 300	54.9	50.3	76.9	10 389	74.1	9 868
1969	36.2	49.9	61.4	8 364	63.8	50.1	82.5	10 929	71.9	9 837
1970	33.6	49.9	58.2	9 279	66.4	50.1	86.2	12 341	72.2	11 108
1971	34.2	49.8	60.0	9 538	65.8	50.2	86.1	12 652	73.1	11 380
1972	32.9	50.0	58.1	9 736	67.1	50.0	86.3	13 368	72.2	11 907
1973	35.3	50.1	57.5	10 965	64.7	49.9	83.9	13 811	70.7	12 652
1974	38.5	49.9	58.9	12 026	61.5	50.1	80.2	14 055	69.6	13 198
1975	31.6	49.8	48.0	11 852	68.4	50.2	85.7	14 296	67.0	13 423
1976	39.9	49.7	59.3	13 414	60.1	50.3	84.8	13 960	72.1	13 737
1977	42.1	50.0	65.8	13 508	57.9	50.0	84.8	14 426	75.3	14 025
1978	32.4	50.1	50.4	12 752	67.6	49.9	88.8	15 174	69.6	14 295
1979	30.7	50.0	45.5	13 642	69.3	50.0	89.3	15 739	67.4	15 031
1980	20.1	50.1	27.9	13 071	79.9	49.9	91.2	15 916	59.5	15 248
1981	28.2	50.1	39.3	14 165	71.8	49.9	88.5	16 107	63.9	15 507
1982	18.0	50.0	24.9	13 767	82.0	50.0	90.0	17 327	57.4	16 557
1983	24.5	50.1	33.5	15 596	75.5	49.9	90.0	17 891	61.7	17 268
1984	26.1	49.4	37.8	15 714	73.9	50.1	90.8	18 434	64.4	17 637
1985	26.0	49.9	37.4	15 270	74.0	50.1	88.7	18 192	63.1	17 330
1986	24.6	50.2	36.3	14 141	75.4	49.8	87.5	18 207	61.8	17 006
1987	26.8	50.4	38.5	15 059	73.2	49.6	84.9	18 990	61.5	17 750
1988	28.4	50.2	41.3	15 264	71.6	49.8	85.2	18 801	63.1	17 640
1989	30.4	49.9	44.8	15 066	69.6	50.1	87.2	17 671	66.1	16 790
1990	30.4	50.2	42.8	15 595	69.6	49.8	86.1	17 874	64.4	17 115
1991	21.4	50.3	33.4	13 139	78.6	49.7	87.3	18 745	60.2	17 180
TOTAL	32.0	50.0	51.6	9 721	68.0	50.0	85.7	12 494	68.7	11 450

CARGO BY TRANSIT AND VESSEL
1959 - 1991

HISTORICAL TABLE 19W

WELLAND CANAL SECTION

	TYPE OF TRANSIT						CLASS OF VESSEL				TYPE OF VESSEL					
	OVERSEAS		INLAND		COASTAL		OCEAN		LAKER		CARGO		TANKER		TUG & BARGE	
YEAR	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	4 716 431	18.9	20 264 313	81.1	-	0.0	4 716 431	18.9	20 264 313	81.1	22 784 700	91.2	1 614 268	6.5	581 776	2.3
1960	5 711 334	21.5	20 823 536	78.5	-	0.0	5 711 334	21.5	20 823 536	78.5	24 101 978	90.8	1 807 582	6.8	625 310	2.4
1961	5 633 130	19.7	22 902 186	80.3	-	0.0	5 633 130	19.7	22 902 186	80.3	26 120 118	91.5	1 899 307	6.7	515 891	1.8
1962	6 809 791	21.2	25 310 267	78.8	-	0.0	6 809 791	21.2	25 310 267	78.8	30 102 465	93.7	1 489 980	4.6	527 613	1.6
1963	5 893 984	15.7	31 575 900	84.3	-	0.0	5 893 984	15.7	31 575 900	84.3	35 497 909	94.7	1 510 280	4.0	461 695	1.2
1964	7 869 220	16.9	38 749 652	83.1	-	0.0	7 869 220	16.9	38 749 652	83.1	44 263 061	94.9	1 848 564	4.0	507 247	1.1
1965	10 430 874	21.5	38 031 095	78.5	-	0.0	10 430 874	21.5	38 031 095	78.5	45 877 665	94.7	2 113 993	4.4	470 311	1.0
1966	11 106 387	20.7	42 663 962	79.3	-	0.0	11 106 387	20.7	42 663 962	79.3	51 251 838	95.3	2 042 769	3.8	475 742	0.9
1967	10 206 709	21.3	36 722 365	76.7	978 819	2.0	11 185 528	23.3	36 722 365	76.7	45 604 389	95.2	1 834 558	3.8	468 946	1.0
1968	12 145 073	23.1	39 704 460	75.4	834 959	1.6	12 980 032	24.6	39 704 460	75.4	50 266 461	95.4	1 975 163	3.7	442 868	0.8
1969	11 424 450	23.5	36 289 594	74.7	849 672	1.7	12 274 122	25.3	36 289 594	74.7	46 043 263	94.8	2 084 769	4.3	435 684	0.9
1970	11 215 807	19.6	45 297 681	79.3	605 357	1.1	11 821 164	20.7	45 297 681	79.3	54 661 010	95.7	2 095 329	3.7	362 506	0.6
1971	16 071 100	28.1	40 587 364	71.0	547 009	1.0	16 618 109	29.0	40 587 364	71.0	55 016 618	96.2	1 919 788	3.4	269 067	0.5
1972	16 265 373	27.9	41 519 999	71.3	450 110	0.8	16 715 483	28.7	41 519 999	71.3	55 839 377	95.9	2 129 298	3.7	266 807	0.5
1973	14 821 168	24.3	45 596 613	74.8	540 209	0.9	15 361 377	25.2	45 596 613	74.8	57 845 485	94.9	2 586 232	4.2	526 273	0.9
1974	9 579 364	20.2	37 504 781	79.0	416 011	0.9	9 995 375	21.0	37 504 781	79.0	45 260 448	95.3	2 023 841	4.3	215 867	0.5
1975	10 195 339	18.8	43 626 156	80.4	472 625	0.9	10 667 964	19.6	43 626 156	80.4	52 331 075	96.4	1 715 279	3.2	247 766	0.5
1976	11 900 185	20.4	46 104 184	79.0	364 074	0.6	12 264 259	21.0	46 104 184	79.0	56 689 147	97.1	1 590 546	2.7	88 750	0.2
1977	16 453 343	25.3	47 941 573	73.7	682 531	1.0	17 135 874	26.3	47 941 573	73.7	63 155 547	97.0	1 749 201	2.7	172 699	0.3
1978	19 767 779	30.1	45 111 141	68.7	792 072	1.2	20 559 851	31.3	45 111 141	68.7	63 569 887	96.8	1 947 963	3.0	153 142	0.2
1979	17 195 572	26.0	48 352 869	73.1	616 105	0.9	17 811 677	26.9	48 352 869	73.1	63 262 111	95.6	2 669 488	4.0	232 947	0.4
1980	11 907 352	20.0	47 087 307	79.0	611 322	1.0	12 518 674	21.0	47 087 307	79.0	56 555 170	94.9	2 457 562	4.1	593 249	1.0
1981	11 824 326	20.1	46 588 822	79.2	437 727	0.7	12 262 053	20.8	46 588 822	79.2	55 630 318	94.5	2 638 941	4.5	581 616	1.0
1982	10 833 216	22.1	37 589 468	76.7	601 420	1.2	11 434 636	23.3	37 589 468	76.7	46 559 832	95.0	2 173 056	4.4	291 216	0.6
1983	11 465 368	22.9	38 187 526	76.2	492 192	1.0	11 957 560	23.8	38 187 526	76.2	48 149 049	96.0	1 970 839	3.9	25 198	0.1
1984	13 472 531	25.0	40 049 965	74.3	394 362	0.7	13 866 893	25.7	40 049 965	74.3	52 216 687	96.8	1 594 761	3.0	105 410	0.2
1985	10 734 244	25.6	30 365 838	72.6	751 678	1.8	11 485 922	27.4	30 365 838	72.6	40 119 552	95.9	1 585 436	3.8	146 772	0.4
1986	11 317 039	27.2	29 572 588	71.1	723 143	1.7	12 040 182	28.9	29 572 588	71.1	39 733 850	95.5	1 838 199	4.4	40 721	0.1
1987	10 734 325	25.1	31 288 601	73.2	701 829	1.6	11 436 154	26.8	31 288 601	73.2	41 089 218	96.2	1 519 798	3.6	115 739	0.3
1988	10 909 606	25.0	32 163 998	73.9	462 713	1.1	11 372 319	26.1	32 163 998	73.9	41 489 242	95.3	1 853 027	4.3	194 048	0.4
1989	9 669 950	24.2	29 654 770	74.3	584 730	1.5	10 254 680	25.7	29 654 770	74.3	37 954 678	95.1	1 707 862	4.3	246 910	0.6
1990	7 756 952	19.7	31 143 060	79.0	497 888	1.3	8 254 840	21.0	31 143 060	79.0	37 251 628	94.6	1 871 862	4.8	274 410	0.7
1991	6 552 904	17.8	29 799 017	80.7	567 051	1.5	7 119 955	19.3	29 799 017	80.7	35 356 567	95.8	1 261 363	3.4	301 042	0.8
TOTAL	362 590 226	22.7	1 218 170 651	76.3	14 975 608	0.9	377 565 834	23.7	1 218 170 651	76.3	1 521 650 343	95.4	63 120 904	3.9	10 965 238	0.7

TRAFFIC BY VESSEL LENGTH
1959 - 1991

HISTORICAL TABLE 20W

WELLAND CANAL SECTION

	TRANSITS								CARGO TONNES							
YEAR	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	OVER 217m	TOTAL	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	OVER 217m	TOTAL
1959	711	3 682	934	1 406	649	577	113	8 072	51 990	6 172 912	2 306 180	4 790 578	4 015 972	6 259 579	1 383 533	24 980 744
1960	345	3 019	1 121	1 382	867	612	190	7 536	49 499	4 645 364	2 630 191	5 024 448	5 363 955	6 184 772	2 636 641	26 534 870
1961	288	2 576	1 143	1 839	956	579	366	7 747	46 601	3 983 566	2 751 914	6 185 352	5 165 355	5 589 105	4 813 423	28 535 316
1962	358	2 107	1 141	1 930	934	701	444	7 615	57 458	3 401 236	2 733 131	6 803 130	5 414 798	6 948 959	6 761 346	32 120 058
1963	560	1 649	1 078	1 846	973	770	721	7 597	208 680	2 829 563	2 500 026	6 563 239	5 840 911	8 774 186	10 753 279	37 469 884
1964	407	1 581	1 143	2 040	1 440	996	697	8 304	45 405	2 788 139	2 752 284	7 433 674	9 281 665	11 590 219	12 727 486	46 618 872
1965	471	1 402	1 279	1 928	1 592	903	809	8 384	46 246	2 580 863	3 088 751	7 450 401	10 946 149	10 551 642	13 797 917	48 461 969
1966	461	1 254	1 335	1 895	1 821	992	956	8 714	42 671	2 394 304	3 101 446	7 069 439	12 797 091	11 438 314	16 927 084	53 770 349
1967	383	1 016	1 266	1 417	1 384	836	1 135	7 437	77 344	1 902 997	2 891 977	5 232 742	9 886 840	9 477 554	18 438 439	47 907 893
1968	366	967	945	1 293	1 379	886	1 368	7 204	43 274	1 777 662	2 497 377	5 063 966	11 192 457	10 138 507	21 971 249	52 684 492
1969	382	919	964	1 256	1 207	618	1 517	6 863	48 482	1 513 154	2 512 046	4 520 705	9 577 066	7 108 760	23 283 503	48 563 716
1970	297	807	984	1 197	1 322	774	1 741	7 122	24 409	1 451 450	2 628 450	4 447 406	10 849 694	9 497 798	28 219 638	57 118 845
1971	279	533	934	1 205	1 514	872	1 541	6 878	25 547	909 389	2 533 881	5 326 787	12 668 932	10 137 427	25 603 510	57 205 473
1972	245	543	824	1 084	1 588	907	1 587	6 778	22 502	895 819	2 415 212	4 790 889	13 595 716	10 505 001	26 010 343	58 235 482
1973	293	521	957	988	1 417	1 000	1 639	6 815	16 284	867 270	3 058 219	4 897 568	12 053 480	12 120 458	27 944 711	60 957 990
1974	286	325	657	642	1 022	886	1 353	5 171	32 455	517 717	1 908 773	2 852 505	8 860 628	10 913 334	22 414 744	47 500 156
1975	344	323	669	776	1 251	989	1 689	6 041	34 105	430 060	1 879 308	3 008 164	9 891 618	11 731 162	27 319 703	54 294 120
1976	283	181	677	657	1 299	1 143	1 652	5 892	8 309	236 753	1 939 812	2 517 601	11 416 581	13 953 803	28 295 584	58 368 443
1977	255	315	722	662	1 692	1 032	1 484	6 162	25 287	430 172	2 234 580	2 908 353	18 001 653	14 408 867	27 068 535	65 077 447
1978	213	358	678	814	1 874	990	1 678	6 605	2 454	431 520	2 222 638	4 119 710	18 195 445	12 618 924	28 080 301	65 670 992
1979	210	298	661	899	1 630	939	1 895	6 532	3 873	355 653	2 213 605	4 369 083	15 736 352	12 555 401	30 930 579	66 164 546
1980	225	372	575	830	1 627	876	2 062	6 567	2 457	466 627	1 976 550	3 981 466	12 640 688	8 964 849	31 573 344	59 605 981
1981	235	288	516	733	1 384	886	1 900	5 942	2 060	336 502	1 786 390	3 872 378	11 759 575	10 273 600	30 820 370	58 850 875
1982	209	157	407	611	1 159	689	1 923	5 155	7 625	142 270	1 307 702	3 108 047	8 720 523	7 443 240	28 294 697	49 024 104
1983	155	102	445	485	962	555	2 003	4 707	1 956	103 255	1 548 961	2 660 463	8 245 090	6 528 174	31 057 187	50 145 086
1984	182	66	417	464	907	516	2 198	4 750	1 515	98 655	1 522 345	2 806 669	9 225 301	6 097 806	34 164 567	53 916 858
1985	192	49	365	384	698	425	1 713	3 826	2 450	53 927	1 398 000	1 969 805	7 088 275	4 736 334	26 602 969	41 851 760
1986	235	46	321	467	702	465	1 723	3 959	1 320	29 463	1 154 762	2 245 600	7 093 207	5 290 721	25 797 697	41 612 770
1987	271	45	348	412	604	443	1 791	3 914	3 790	60 077	1 211 387	2 098 890	6 338 718	5 017 749	27 994 144	42 724 755
1988	230	84	349	450	592	398	1 806	3 909	1 554	152 510	1 269 612	2 257 169	6 117 728	4 889 791	28 847 953	43 536 317
1989	298	126	251	438	522	365	1 598	3 598	2 909	191 513	866 328	2 250 835	5 367 221	4 736 923	26 493 721	39 909 450
1990	335	124	311	438	357	318	1 694	3 577	712	192 663	1 100 994	2 124 613	3 788 183	4 166 102	28 024 633	39 397 900
1991	408	79	264	352	330	259	1 878	3 570	4 813	145 257	940 389	1 615 482	3 465 349	2 874 968	27 872 714	36 918 972
TOTAL	10 412	25 914	24 681	33 220	37 655	24 197	46 864	202 943	946 036	42 488 282	68 883 221	136 367 157	310 602 216	283 524 026	752 925 544	1 595 736 485

COMMODITY GROUPS
1959 - 1991

HISTORICAL TABLE 21W

WELLAND CANAL SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		PACKAGE FREIGHT		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	7 999 437	32.0	168 704	0.7	12 140 924	48.6	321 328	1.3	4 008 825	16.0	341 526	1.4	24 980 744	100.0
1960	8 810 089	33.2	183 133	0.7	12 733 150	48.0	262 127	1.0	4 158 376	15.7	387 995	1.5	26 534 870	100.0
1961	11 004 608	38.6	229 561	0.8	11 535 291	40.4	239 571	0.8	5 105 856	17.9	420 429	1.5	28 535 316	100.0
1962	11 384 590	35.4	249 247	0.8	15 564 673	48.5	255 819	0.8	4 215 876	13.1	449 853	1.4	32 120 058	100.0
1963	13 737 812	36.7	335 632	0.9	18 108 572	48.3	276 410	0.7	4 659 215	12.4	352 243	0.9	37 469 884	100.0
1964	16 709 297	35.8	450 188	1.0	23 326 827	50.0	290 692	0.6	5 402 094	11.6	439 774	0.9	46 618 872	100.0
1965	16 762 027	34.6	347 339	0.7	23 636 219	48.8	213 050	0.4	7 063 161	14.6	440 173	0.9	48 461 969	100.0
1966	19 366 507	36.0	311 114	0.6	26 105 912	48.6	280 526	0.5	7 315 403	13.6	390 887	0.7	53 770 349	100.0
1967	13 633 467	28.5	320 144	0.7	25 922 502	54.1	279 526	0.6	7 495 611	15.6	256 643	0.5	47 907 893	100.0
1968	13 140 856	24.9	295 267	0.6	28 995 223	55.0	271 765	0.5	9 591 986	18.2	389 395	0.7	52 684 492	100.0
1969	12 516 925	25.8	284 132	0.6	25 369 456	52.2	219 620	0.5	9 767 893	20.1	405 690	0.8	48 563 716	100.0
1970	19 203 435	33.6	312 474	0.5	27 682 564	48.5	177 662	0.3	9 361 000	16.4	381 710	0.7	57 118 845	100.0
1971	21 611 142	37.8	361 486	0.6	24 355 750	42.6	226 271	0.4	10 230 138	17.9	420 686	0.7	57 205 473	100.0
1972	22 221 385	38.2	272 649	0.5	25 370 316	43.6	198 742	0.3	9 938 312	17.1	234 078	0.4	58 235 482	100.0
1973	23 154 377	38.0	249 655	0.4	27 498 737	45.1	122 915	0.2	9 743 800	16.0	188 506	0.3	60 957 990	100.0
1974	15 946 079	33.6	215 025	0.5	24 397 462	51.4	62 906	0.1	6 701 536	14.1	177 148	0.4	47 500 156	100.0
1975	20 782 433	38.3	124 822	0.2	26 903 227	49.6	68 273	0.1	6 135 682	11.3	279 683	0.5	54 294 120	100.0
1976	19 660 018	33.7	220 771	0.4	31 660 584	54.2	28 296	0.0	6 542 330	11.2	256 444	0.4	58 368 443	100.0
1977	22 962 230	35.3	203 229	0.3	32 560 082	50.0	47 444	0.1	9 069 285	13.9	235 177	0.4	65 077 447	100.0
1978	29 012 903	44.2	151 980	0.2	27 548 104	41.9	71 844	0.1	8 633 793	13.1	252 368	0.4	65 670 992	100.0
1979	26 280 395	39.7	129 700	0.2	29 895 591	45.2	66 073	0.1	9 542 655	14.4	250 132	0.4	66 164 546	100.0
1980	28 256 940	47.4	153 243	0.3	24 017 599	40.3	35 636	0.1	6 875 433	11.5	267 130	0.4	59 605 981	100.0
1981	25 746 229	43.7	152 928	0.3	25 358 357	43.1	29 424	0.0	7 331 337	12.5	232 600	0.4	58 850 875	100.0
1982	25 403 722	51.8	98 017	0.2	17 354 606	35.4	19 708	0.0	6 148 051	12.5	-	0.0	49 024 104	100.0
1983	24 969 488	49.8	60 119	0.1	18 094 828	36.1	15 555	0.0	7 005 096	14.0	-	0.0	50 145 086	100.0
1984	24 566 628	45.6	48 805	0.1	21 170 213	39.3	63 079	0.1	8 068 133	15.0	-	0.0	53 916 858	100.0
1985	17 135 063	40.9	52 827	0.1	17 125 276	40.9	31 751	0.1	7 506 843	17.9	-	0.0	41 851 760	100.0
1986	17 117 350	41.1	32 222	0.1	16 767 409	40.3	2 114	0.0	7 693 675	18.5	-	0.0	41 612 770	100.0
1987	19 167 314	44.9	19 899	0.0	16 508 988	38.6	3 785	0.0	7 024 769	16.4	-	0.0	42 724 755	100.0
1988	16 138 054	37.1	37 693	0.1	20 092 455	46.2	20 842	0.0	7 247 273	16.6	-	0.0	43 536 317	100.0
1989	12 283 468	30.8	35 556	0.1	20 077 371	50.3	35 159	0.1	7 477 896	18.7	-	0.0	39 909 450	100.0
1990	12 801 197	32.5	9 175	0.0	19 590 432	49.7	59 501	0.2	6 937 595	17.6	-	0.0	39 397 900	100.0
1991	15 928 350	43.2	17 645	0.0	15 183 314	41.1	21 501	0.1	5 768 162	15.6	-	0.0	36 918 972	100.0
TOTAL	605 413 815	37.9	6 134 381	0.4	732 652 014	45.9	4 318 915	0.3	239 767 090	15.0	7 450 270	0.5	1 595 736 485	100.0

SELECTED U.S. GRAINS
1959 - 1991

HISTORICAL TABLE 22W

WELLAND CANAL SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	500 995	2.0	1 005 475	4.0	24 709	0.1	414 367	1.7	545 342	2.2	476 250	1.9	176 174	0.7	-	0.0	3 143 312	12.6
1960	708 730	2.7	1 179 312	4.4	77 113	0.3	292 636	1.1	527 659	2.0	831 555	3.1	80 546	0.3	-	0.0	3 697 551	13.9
1961	1 212 859	4.3	1 639 656	5.7	63 469	0.2	93 306	0.3	268 652	0.9	684 336	2.4	77 919	0.3	-	0.0	4 040 197	14.2
1962	835 930	2.6	2 256 378	7.0	247 325	0.8	390 948	1.2	653 913	2.0	984 089	3.1	100 008	0.3	-	0.0	5 468 591	17.0
1963	1 295 850	3.5	2 628 622	7.0	211 086	0.6	86 811	0.2	552 361	1.5	926 919	2.5	85 171	0.2	-	0.0	5 786 820	15.4
1964	812 976	1.7	3 094 063	6.6	71 024	0.2	54 866	0.1	707 295	1.5	1 288 672	2.8	144 532	0.3	-	0.0	6 173 428	13.2
1965	1 111 562	2.3	3 490 078	7.2	34 533	0.1	314 753	0.6	679 480	1.4	1 525 303	3.1	73 143	0.2	-	0.0	7 228 852	14.9
1966	1 614 980	3.0	3 279 749	6.1	93 927	0.2	369 598	0.7	540 456	1.0	1 451 408	2.7	143 134	0.3	-	0.0	7 493 252	13.9
1967	1 150 460	2.4	2 078 406	4.3	45 839	0.1	100 435	0.2	341 078	0.7	1 182 820	2.5	146 391	0.3	-	0.0	5 045 429	10.5
1968	1 536 421	2.9	3 046 469	5.8	39 251	0.1	37 112	0.1	146 427	0.3	1 474 138	2.8	199 074	0.4	-	0.0	6 478 892	12.3
1969	1 238 480	2.6	3 212 055	6.6	24 275	0.0	2 185	0.0	89 807	0.2	1 803 747	3.7	181 402	0.4	-	0.0	6 551 951	13.5
1970	1 556 008	2.7	2 624 246	4.6	864	0.0	203 140	0.4	1 071 347	1.9	2 636 995	4.6	58 710	0.1	-	0.0	8 151 310	14.3
1971	1 435 627	2.5	3 022 373	5.3	124 290	0.2	36 782	0.1	451 185	0.8	2 937 055	5.1	26 088	0.0	-	0.0	8 033 400	14.0
1972	2 219 093	3.8	3 370 984	5.8	3 907	0.0	93 396	0.2	916 693	1.6	1 733 015	3.0	259 647	0.4	-	0.0	8 596 735	14.8
1973	3 500 574	5.7	3 737 030	6.1	593 084	1.0	629 029	1.0	1 230 132	2.0	1 732 946	2.8	5 498	0.0	-	0.0	11 428 293	18.7
1974	1 654 258	3.5	2 702 182	5.7	242 167	0.5	335 765	0.7	342 131	0.7	1 260 124	2.7	100	0.0	-	0.0	6 536 727	13.8
1975	3 576 444	6.6	2 817 664	5.2	3 627	0.0	131 648	0.2	180 361	0.3	1 519 891	2.8	16 803	0.0	-	0.0	8 246 438	15.2
1976	1 588 121	2.7	3 937 714	6.7	3 289	0.0	126 465	0.2	632 981	1.1	1 449 554	2.5	5 743	0.0	-	0.0	7 743 867	13.3
1977	2 969 880	4.6	3 609 062	5.5	-	0.0	125 110	0.2	959 744	1.5	1 688 209	2.6	25 456	0.0	-	0.0	9 377 461	14.4
1978	5 537 514	8.4	5 991 648	9.1	-	0.0	126 331	0.2	287 112	0.4	2 523 762	3.8	11 965	0.0	-	0.0	14 478 332	22.0
1979	4 086 898	6.2	7 267 294	11.0	60 066	0.1	3 698	0.0	316 286	0.5	1 673 725	2.5	-	0.0	-	0.0	13 407 967	20.3
1980	3 645 127	6.1	5 908 633	9.9	137 520	0.2	36 590	0.1	737 423	1.2	1 589 578	2.7	2 215	0.0	1 205 564	2.0	13 262 650	22.3
1981	3 556 271	6.0	3 875 071	6.6	47 253	0.1	27 711	0.0	852 372	1.4	1 749 653	3.0	13 227	0.0	1 301 072	2.2	11 422 630	19.4
1982	2 856 250	5.8	3 049 131	6.2	9 670	0.0	7 057	0.0	371 819	0.8	1 255 533	2.6	14 291	0.0	1 140 147	2.3	8 703 898	17.8
1983	2 824 695	5.6	2 172 662	4.3	23 370	0.0	950	0.0	861 061	1.7	420 768	0.8	1 025	0.0	643 709	1.3	6 948 240	13.9
1984	3 145 207	5.8	2 387 026	4.4	8 401	0.0	3 052	0.0	631 537	1.2	1 016 969	1.9	5 180	0.0	755 960	1.4	7 953 332	14.8
1985	1 958 906	4.7	2 070 840	4.9	-	0.0	-	0.0	170 277	0.4	747 406	1.8	-	0.0	378 552	0.9	5 325 981	12.7
1986	2 371 464	5.7	737 885	1.8	5 500	0.0	-	0.0	332 051	0.8	1 116 132	2.7	31 504	0.1	193 957	0.5	4 788 493	11.5
1987	1 715 846	4.0	1 799 109	4.2	5 207	0.0	14 251	0.0	464 631	1.1	1 125 750	2.6	-	0.0	131 637	0.3	5 256 431	12.3
1988	2 070 330	4.8	2 188 297	5.0	10 410	0.0	-	0.0	599 748	1.4	634 087	1.5	-	0.0	14 106	0.0	5 516 978	12.7
1989	2 203 974	5.5	2 210 458	5.5	7 704	0.0	-	0.0	939 432	2.4	674 795	1.7	-	0.0	-	0.0	6 036 363	15.1
1990	1 871 197	4.7	1 178 090	3.0	-	0.0	-	0.0	846 871	2.1	319 201	0.8	-	0.0	-	0.0	4 215 359	10.7
1991	1 331 577	3.6	1 005 337	2.7	-	0.0	-	0.0	533 535	1.4	365 474	1.0	-	0.0	32 609	0.1	3 268 532	8.9
TOTAL	69 694 504	4.4	94 572 999	5.9	2 218 880	0.1	4 057 992	0.3	18 781 199	1.2	42 799 859	2.7	1 884 946	0.1	5 797 313	0.4	239 807 692	15.0

SELECTED CANADIAN GRAINS
1959 - 1991

HISTORICAL TABLE 23W

WELLAND CANAL SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	3 052 481	12.2	24 563	0.1	3 369	0.0	327 687	1.3	698 005	2.8	67 233	0.3	154 222	0.6	-	0.0	4 327 560	17.3
1960	3 364 993	12.7	32 078	0.1	10 147	0.0	214 487	0.8	763 708	2.9	62 913	0.2	217 404	0.8	-	0.0	4 665 730	17.6
1961	5 335 203	18.7	12 888	0.0	74 403	0.3	219 199	0.8	546 700	1.9	73 346	0.3	197 088	0.7	-	0.0	6 458 827	22.6
1962	3 975 018	12.4	25 399	0.1	115 164	0.4	259 643	0.8	519 692	1.6	47 624	0.1	202 588	0.6	-	0.0	5 145 128	16.0
1963	5 731 909	15.3	12 422	0.0	74 112	0.2	458 664	1.2	678 925	1.8	27 505	0.1	183 045	0.5	-	0.0	7 166 582	19.1
1964	8 084 560	17.3	18 355	0.0	68 230	0.1	376 868	0.8	624 041	1.3	16 645	0.0	241 945	0.5	-	0.0	9 430 644	20.2
1965	6 846 553	14.1	33 348	0.1	43 187	0.1	536 100	1.1	708 379	1.5	56 468	0.1	271 343	0.6	-	0.0	8 495 378	17.5
1966	9 003 989	16.7	19 928	0.0	124 845	0.2	358 176	0.7	792 061	1.5	44 186	0.1	343 131	0.6	-	0.0	10 686 316	19.9
1967	5 489 008	11.5	2 834	0.0	93 722	0.2	352 118	0.7	1 097 249	2.3	70 983	0.1	245 114	0.5	-	0.0	7 351 028	15.3
1968	4 667 740	8.9	50 955	0.1	54 643	0.1	234 842	0.4	499 431	0.9	52 953	0.1	121 357	0.2	-	0.0	5 681 921	10.8
1969	3 618 458	7.5	56 530	0.1	41 762	0.1	242 160	0.5	783 804	1.6	47 266	0.1	214 087	0.4	-	0.0	5 004 067	10.3
1970	6 338 182	11.1	133 504	0.2	48 944	0.1	325 644	0.6	2 763 257	4.8	47 301	0.1	308 495	0.5	-	0.0	9 965 327	17.4
1971	7 442 293	13.0	182 777	0.3	109 676	0.2	339 427	0.6	3 332 398	5.8	54 183	0.1	418 193	0.7	-	0.0	11 878 947	20.8
1972	7 787 568	13.4	105 636	0.2	94 688	0.2	320 082	0.5	3 156 129	5.4	49 489	0.1	344 229	0.6	-	0.0	11 857 821	20.4
1973	7 287 969	12.0	58 277	0.1	69 464	0.1	225 559	0.4	2 083 703	3.4	51 923	0.1	280 167	0.5	-	0.0	10 057 062	16.5
1974	6 731 579	14.2	31 439	0.1	48 841	0.1	119 777	0.3	1 359 424	2.9	31 456	0.1	201 341	0.4	-	0.0	8 523 857	17.9
1975	8 296 470	15.3	307 148	0.6	227 374	0.4	318 006	0.6	2 165 025	4.0	38 489	0.1	121 662	0.2	-	0.0	11 474 174	21.1
1976	7 098 406	12.2	347 485	0.6	107 803	0.2	534 489	0.9	2 486 503	4.3	37 979	0.1	137 343	0.2	-	0.0	10 750 008	18.4
1977	8 900 362	13.7	478 898	0.7	70 291	0.1	440 478	0.7	2 021 235	3.1	26 899	0.0	236 179	0.4	-	0.0	12 174 342	18.7
1978	8 928 112	13.6	661 875	1.0	83 647	0.1	180 776	0.3	2 356 594	3.6	51 681	0.1	266 264	0.4	-	0.0	12 528 949	19.1
1979	6 453 849	9.8	192 457	0.3	142 917	0.2	151 605	0.2	3 092 568	4.7	40 478	0.1	326 338	0.5	-	0.0	10 400 212	15.7
1980	10 649 783	17.9	864 716	1.5	365 406	0.6	277 900	0.5	1 528 904	2.6	78 398	0.1	250 637	0.4	79 005	0.1	14 094 749	23.6
1981	9 009 025	15.3	1 197 690	2.0	351 553	0.6	140 990	0.2	2 332 340	4.0	11 697	0.0	266 766	0.5	58 022	0.1	13 368 083	22.7
1982	11 398 883	23.3	854 334	1.7	259 610	0.5	145 304	0.3	2 945 237	6.0	69 767	0.1	249 093	0.5	2 531	0.0	15 924 759	32.5
1983	12 656 291	25.2	812 484	1.6	109 287	0.2	81 558	0.2	3 015 068	6.0	58 184	0.1	359 750	0.7	-	0.0	17 092 622	34.1
1984	13 124 885	24.3	571 202	1.1	7 257	0.0	61 304	0.1	1 864 689	3.5	84 302	0.2	227 519	0.4	7 056	0.0	15 948 214	29.6
1985	9 720 211	23.2	557 673	1.3	4 350	0.0	35 598	0.1	571 414	1.4	96 921	0.2	339 500	0.8	-	0.0	11 325 667	27.0
1986	9 067 032	21.8	386 885	0.9	32 164	0.1	68 198	0.2	1 650 639	4.0	153 573	0.4	370 568	0.9	-	0.0	11 729 059	28.2
1987	11 085 376	25.9	461 804	1.1	28 893	0.1	95 712	0.2	1 008 599	2.4	148 263	0.3	374 843	0.9	-	0.0	13 203 490	30.9
1988	8 709 022	20.0	248 048	0.6	5 900	0.0	35 889	0.1	528 954	1.2	130 319	0.3	258 288	0.6	-	0.0	9 916 420	22.8
1989	5 071 541	12.7	76 996	0.2	17 679	0.0	18 525	0.1	293 205	0.7	63 650	0.2	236 815	0.6	-	0.0	5 778 411	14.5
1990	7 495 238	19.0	214 589	0.5	5 690	0.0	5 623	0.0	278 472	0.7	45 554	0.1	165 696	0.4	-	0.0	8 210 862	20.8
1991	11 101 227	30.1	551 986	1.5	1 403	0.0	1 050	0.0	130 672	0.4	103 938	0.3	171 718	0.5	-	0.0	12 061 994	32.7
TOTAL	253 523 216	15.9	9 587 203	0.6	2 896 421	0.2	7 503 438	0.5	48 677 024	3.1	2 041 566	0.1	8 302 728	0.5	146 614	0.0	332 678 210	20.8

SELECTED MINING COMMODITIES

1959 - 1991

HISTORICAL TABLE 24W

WELLAND CANAL SECTION

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		SULPHUR		OTHER MINE	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	4 393 495	17.6	47 685	0.2	6 273 466	25.1	36 051	0.1	90 338	0.4	657 439	2.6	123 676	0.5	73 697	0.3	445 077	1.8
1960	3 988 786	15.0	93 693	0.4	7 127 278	26.9	47 566	0.2	84 575	0.3	825 900	3.1	144 429	0.5	57 014	0.2	363 909	1.4
1961	3 952 358	13.9	143 418	0.5	6 052 849	21.2	66 312	0.2	75 702	0.3	617 811	2.2	191 033	0.7	76 620	0.3	359 189	1.3
1962	4 400 776	13.7	197 771	0.6	9 313 711	29.0	74 940	0.2	106 865	0.3	951 708	3.0	235 666	0.7	59 408	0.2	223 831	0.7
1963	4 571 587	12.2	223 861	0.6	11 572 028	30.9	123 248	0.3	124 216	0.3	890 963	2.4	295 909	0.8	67 554	0.2	239 206	0.6
1964	5 708 589	12.2	231 945	0.5	15 268 481	32.8	128 843	0.3	113 321	0.2	917 628	2.0	308 867	0.7	71 010	0.2	578 142	1.2
1965	6 514 958	13.4	188 384	0.4	14 636 925	30.2	159 466	0.3	146 344	0.3	793 598	1.6	566 073	1.2	-	0.0	630 471	1.3
1966	6 951 322	12.9	215 646	0.4	16 016 776	29.8	167 161	0.3	137 933	0.3	1 285 312	2.4	694 269	1.3	-	0.0	637 493	1.2
1967	7 883 467	16.5	235 822	0.5	15 001 988	31.3	186 582	0.4	20 699	0.0	1 025 522	2.1	794 122	1.7	21 882	0.0	752 418	1.6
1968	8 885 333	16.9	314 821	0.6	16 559 190	31.4	223 036	0.4	65 403	0.1	1 337 867	2.5	939 264	1.8	-	0.0	670 310	1.3
1969	9 789 435	20.2	279 143	0.6	12 257 905	25.2	220 890	0.5	96 074	0.2	1 195 824	2.5	740 730	1.5	-	0.0	789 455	1.6
1970	9 762 611	17.1	417 710	0.7	14 597 689	25.6	281 217	0.5	115 982	0.2	891 201	1.6	982 450	1.7	-	0.0	633 705	1.1
1971	8 386 062	14.7	453 063	0.8	12 332 418	21.6	288 928	0.5	227 916	0.4	855 599	1.5	1 077 595	1.9	-	0.0	734 170	1.3
1972	9 031 057	15.5	527 918	0.9	12 457 540	21.4	143 742	0.2	119 318	0.2	1 006 819	1.7	1 472 442	2.5	-	0.0	611 480	1.1
1973	7 383 928	12.1	591 467	1.0	15 588 483	25.6	196 070	0.3	34 846	0.1	1 293 970	2.1	1 387 836	2.3	-	0.0	1 022 137	1.7
1974	5 882 132	12.4	445 024	0.9	13 529 443	28.5	263 855	0.6	115 504	0.2	1 307 181	2.8	1 405 854	3.0	76 722	0.2	1 371 748	2.9
1975	7 700 819	14.2	802 834	1.5	14 940 372	27.5	172 852	0.3	269 173	0.5	1 072 232	2.0	1 356 108	2.5	31 576	0.1	557 260	1.0
1976	6 743 696	11.6	1 746 942	3.0	19 549 492	33.5	250 932	0.4	294 387	0.5	996 977	1.7	1 507 482	2.6	43 742	0.1	526 934	0.9
1977	6 734 179	10.3	2 101 541	3.2	19 926 554	30.6	333 665	0.5	289 440	0.4	1 013 613	1.6	1 489 821	2.3	14 309	0.0	656 959	1.0
1978	5 408 206	8.2	2 525 771	3.8	15 679 922	23.9	195 022	0.3	84 801	0.1	1 318 178	2.0	1 386 969	2.1	7 214	0.0	942 021	1.4
1979	7 790 521	11.8	2 502 543	3.8	15 118 140	22.8	261 667	0.4	313 224	0.5	1 522 882	2.3	1 492 636	2.3	152 891	0.2	741 087	1.1
1980	7 292 903	12.2	1 434 884	2.4	11 417 850	19.2	276 158	0.5	215 696	0.4	1 153 395	1.9	1 417 627	2.4	157 181	0.3	651 905	1.1
1981	6 543 019	11.1	971 038	1.6	13 735 690	23.3	198 725	0.3	224 838	0.4	1 050 200	1.8	1 762 967	3.0	28 233	0.0	843 647	1.4
1982	7 141 242	14.6	756 836	1.5	7 016 008	14.3	142 492	0.3	130 449	0.3	115 435	0.2	1 419 270	2.9	3 013	0.0	629 861	1.3
1983	5 494 597	11.0	683 081	1.4	9 229 290	18.4	76 849	0.2	203 063	0.4	402 008	0.8	1 455 070	2.9	-	0.0	550 870	1.1
1984	6 603 148	12.2	858 598	1.6	10 088 727	18.7	157 206	0.3	318 736	0.6	537 791	1.0	1 725 967	3.2	-	0.0	880 040	1.3
1985	5 807 694	13.9	921 887	2.2	6 788 799	16.2	162 410	0.4	176 291	0.4	815 313	1.9	1 521 180	3.6	-	0.0	931 702	2.2
1986	5 775 521	13.9	993 268	2.4	5 839 484	14.0	161 366	0.4	82 436	0.2	1 005 908	2.4	1 882 656	4.5	-	0.0	1 026 770	2.5
1987	5 644 283	13.2	822 061	1.9	6 180 641	14.5	164 766	0.4	89 372	0.2	889 303	2.1	1 766 446	4.1	-	0.0	952 116	2.2
1988	7 029 061	16.1	1 638 341	3.8	7 083 883	16.3	240 823	0.6	226 492	0.5	1 007 689	2.3	1 672 709	3.8	-	0.0	1 193 457	2.7
1989	6 321 198	15.8	1 412 270	3.5	7 293 840	18.3	215 214	0.5	241 749	0.6	1 187 261	3.0	2 176 005	5.5	-	0.0	1 229 834	3.1
1990	6 265 959	15.9	1 037 047	2.6	7 483 022	19.0	229 581	0.6	214 373	0.5	1 781 577	4.5	1 513 195	3.8	-	0.0	1 065 678	2.7
1991	5 276 522	14.3	459 181	1.2	5 698 201	15.4	151 485	0.4	163 412	0.4	1 179 384	3.2	1 355 831	3.7	-	0.0	899 298	2.4
TOTAL	217 058 464	13.6	26 275 494	1.6	381 656 085	23.9	5 999 120	0.4	5 212 968	0.3	32 903 488	2.1	38 262 154	2.4	942 066	0.1	24 342 180	1.5

SELECTED PROCESSED COMMODITIES

1959 - 1991

HISTORICAL TABLE 25W

WELLAND CANAL SECTION

YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL		CEMENT		SCRAP IRON & STEEL		OTHER PROCESSED	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	259 174	1.0	750 131	3.0	128 333	0.5	100 623	0.4	95 169	0.4	344 447	1.4	130 717	0.5	226 152	0.9	1 974 079	7.9
1960	279 785	1.1	667 419	2.5	121 873	0.5	102 158	0.4	49 435	0.2	544 917	2.1	110 935	0.4	523 161	2.0	1 758 693	6.6
1961	283 635	1.0	754 062	2.6	109 633	0.4	92 682	0.3	222 802	0.8	418 834	1.5	86 574	0.3	1 141 582	4.0	1 996 052	7.0
1962	192 190	0.6	808 841	2.5	127 568	0.4	116 512	0.4	144 569	0.5	539 807	1.7	128 126	0.4	219 056	0.7	1 939 207	6.0
1963	176 450	0.5	701 034	1.9	134 464	0.4	106 442	0.3	117 196	0.3	672 541	1.8	126 041	0.3	266 688	0.7	2 358 358	6.3
1964	208 715	0.4	836 498	1.8	224 280	0.5	124 082	0.3	224 232	0.5	1 004 994	2.2	112 821	0.2	361 783	0.8	2 304 690	4.9
1965	235 011	0.5	956 654	2.0	177 131	0.4	116 799	0.2	278 403	0.6	2 525 184	5.2	149 874	0.3	116 774	0.2	2 507 331	5.2
1966	244 868	0.5	954 253	1.8	216 195	0.4	106 094	0.2	298 780	0.6	2 540 418	4.7	106 018	0.2	159 264	0.3	2 689 511	5.0
1967	285 033	0.6	1 086 671	2.3	263 173	0.5	93 715	0.2	209 568	0.4	2 841 508	5.9	84 527	0.2	386 912	0.8	2 244 505	4.7
1968	257 688	0.5	1 174 870	2.2	230 350	0.4	107 159	0.2	220 931	0.4	4 709 013	8.9	20 978	0.0	395 731	0.8	2 475 265	4.7
1969	352 033	0.7	1 146 095	2.4	292 246	0.6	138 931	0.3	216 571	0.4	3 803 564	7.8	125 564	0.3	1 127 054	2.3	2 565 835	5.3
1970	233 117	0.4	1 372 448	2.4	268 746	0.5	136 366	0.2	274 315	0.5	3 750 360	6.6	174 137	0.3	825 524	1.4	2 325 988	4.1
1971	151 885	0.3	1 113 684	1.9	319 204	0.6	133 471	0.2	107 710	0.2	5 424 560	9.5	160 319	0.3	229 508	0.4	2 589 796	4.5
1972	164 688	0.3	1 249 948	2.1	364 950	0.6	146 998	0.3	157 159	0.3	4 765 548	8.2	164 883	0.3	384 742	0.7	2 539 394	4.4
1973	114 049	0.2	1 956 435	3.2	378 719	0.6	138 512	0.2	129 732	0.2	3 654 937	6.0	219 954	0.4	804 954	1.3	2 346 508	3.8
1974	152 956	0.3	1 069 157	2.3	302 171	0.6	108 596	0.2	118 717	0.2	2 980 512	6.3	221 674	0.5	112 933	0.2	1 634 820	3.4
1975	155 079	0.3	1 032 553	1.9	343 033	0.6	130 026	0.2	111 620	0.2	2 012 942	3.7	191 466	0.4	559 475	1.0	1 599 488	2.9
1976	211 048	0.4	725 982	1.2	395 371	0.7	95 209	0.2	114 773	0.2	2 673 885	4.6	165 553	0.3	415 016	0.7	1 745 493	3.0
1977	110 002	0.2	958 013	1.5	450 723	0.7	101 782	0.2	148 565	0.2	4 715 500	7.2	222 796	0.3	354 157	0.5	2 007 746	3.1
1978	105 257	0.2	910 793	1.4	577 389	0.9	158 056	0.2	231 298	0.4	3 398 295	5.2	412 708	0.6	590 828	0.9	2 249 169	3.4
1979	232 261	0.4	1 674 771	2.5	600 267	0.9	180 811	0.3	122 742	0.2	2 888 762	4.4	575 536	0.9	545 474	0.8	2 722 031	4.1
1980	173 677	0.3	1 664 553	2.8	599 824	1.0	281 625	0.5	192 653	0.3	1 308 997	2.2	295 897	0.5	674 072	1.1	1 684 135	2.8
1981	150 538	0.3	1 821 541	3.1	594 420	1.0	253 467	0.4	191 674	0.3	2 390 026	4.1	285 501	0.5	63 453	0.1	1 580 717	2.7
1982	173 991	0.4	1 072 472	2.2	687 433	1.4	210 657	0.4	141 993	0.3	1 730 220	3.5	237 573	0.5	421 573	0.9	1 472 139	3.0
1983	218 092	0.4	835 488	1.7	508 286	1.0	252 866	0.5	150 896	0.3	2 782 095	5.5	409 794	0.8	366 974	0.7	1 480 605	3.0
1984	251 160	0.5	678 186	1.3	505 130	0.9	130 189	0.2	218 538	0.4	3 962 917	7.4	531 399	9.9	325 725	0.6	1 053 561	2.0
1985	141 601	0.3	628 613	1.5	607 910	1.5	170 520	0.4	89 263	0.2	3 094 923	7.4	309 120	0.7	753 927	1.8	1 710 966	4.1
1986	186 564	0.4	603 625	1.5	776 373	1.9	225 014	0.5	71 730	0.2	2 850 070	6.8	347 060	0.8	782 966	1.9	1 850 273	4.4
1987	97 982	0.2	569 051	1.3	627 657	1.5	159 538	0.4	104 815	0.2	2 674 513	6.2	549 874	1.3	372 318	0.9	1 869 021	4.4
1988	126 537	0.3	669 756	1.5	801 269	1.8	112 888	0.3	82 921	0.2	3 034 185	7.0	488 672	1.1	364 658	0.8	1 566 387	3.6
1989	275 681	0.7	637 605	1.6	864 621	2.2	34 820	0.1	65 164	0.2	3 092 769	7.7	367 748	0.9	313 738	0.8	1 825 750	4.6
1990	223 997	0.6	938 742	2.4	684 828	1.7	87 502	0.2	66 500	0.2	2 764 197	7.0	407 310	1.0	369 092	0.9	1 395 427	3.5
1991	150 401	0.4	655 024	1.8	529 638	1.4	30 130	0.1	35 577	0.1	2 549 540	6.9	355 305	1.0	314 278	0.9	1 154 209	3.1
TOTAL	6 575 145	0.4	32 674 968	2.0	13 813 208	0.9	4 484 240	0.3	5 006 011	0.3	88 444 980	5.5	8 276 454	0.5	14 869 542	0.9	65 217 149	4.1

CARGO TONNES BY ORIGIN - DESTINATION

1959 - 1991

HISTORICAL TABLE 26W

WELLAND CANAL SECTION

FROM:	UPBOUND						DOWNBOUND						TOTAL
	CANADA		U.S.A.		OVERSEAS		CANADA			U.S.A.			
TO:	Canada	U.S.A.	Canada	U.S.A.	Canada	U.S.A.	Canada	U.S.A.	Overseas	Canada	U.S.A.	Overseas	
1959	1 115 120	6 297 065	82 953	293 306	59 305	918 351	4 802 355	80 567	469 049	7 716 059	615 268	2 531 346	24 980 744
1960	1 128 138	5 241 759	40 376	282 613	100 504	802 209	4 937 327	30 655	775 128	8 998 712	663 453	3 533 996	26 534 870
1961	1 205 974	4 552 848	15 654	235 570	60 978	884 925	6 947 102	3 116	692 425	9 254 630	637 266	4 044 828	28 535 316
1962	1 250 787	7 202 802	-	282 513	51 899	1 048 921	5 786 420	20 879	594 116	10 687 787	671 072	4 522 862	32 120 058
1963	1 065 020	9 095 379	8 336	316 217	97 118	1 349 650	7 506 977	4 812	703 837	13 089 801	580 084	3 652 653	37 469 884
1964	1 135 279	13 401 801	-	301 867	165 850	1 815 631	9 918 392	18 571	671 260	13 549 111	568 197	5 072 913	46 618 872
1965	1 273 324	12 954 679	9 381	264 360	159 469	3 435 873	8 886 907	55 770	955 760	14 281 667	550 077	5 634 702	48 461 969
1966	1 504 250	14 897 621	6 616	240 780	156 800	3 667 671	11 442 371	64 470	826 390	14 012 718	652 542	6 298 120	53 770 349
1967	1 347 421	14 753 687	-	233 488	109 606	3 880 620	7 723 016	24 269	1 113 772	12 962 617	673 354	5 086 043	47 907 893
1968	1 443 938	16 082 652	18 693	271 751	159 138	5 775 299	7 109 710	33 599	672 237	15 050 893	551 672	5 514 910	52 684 492
1969	1 545 655	11 224 129	-	243 235	234 364	4 332 753	7 125 220	3 281	554 247	16 488 126	530 487	6 282 219	48 563 716
1970	1 459 051	13 266 645		197 167	169 398	4 115 657	12 761 329	21 187	928 721	17 603 899	597 265	5 998 526	57 118 845
1971	1 250 914	11 646 945	14 148	124 038	274 450	6 281 135	14 119 566	22 429	1 426 486	13 424 330	553 492	8 067 540	57 205 473
1972	1 529 106	11 598 189	3 062	122 100	253 882	5 653 843	14 209 642	31 694	1 543 663	14 027 283	482 875	8 780 143	58 235 482
1973	1 360 819	15 191 099	16 010	133 894	263 484	4 548 125	13 044 640	56 629	1 064 502	15 969 464	383 701	8 925 623	60 957 990
1974	1 115 237	12 989 535	14 825	105 871	127 623	3 926 881	11 408 373	40 526	1 153 118	12 040 674	266 985	4 310 508	47 500 156
1975	1 063 176	12 937 855	6 960	91 465	152 129	2 885 990	14 276 732	187 201	1 032 563	15 300 479	245 823	6 113 747	54 294 120
1976	793 973	18 007 031	-	80 512	182 936	4 221 402	13 559 582	64 018	1 214 787	13 707 867	262 542	6 273 793	58 368 443
1977	1 170 445	19 005 288	-	48 250	280 044	6 862 860	15 025 766	112 987	1 509 578	13 082 569	232 512	7 747 148	65 077 447
1978	832 691	13 610 818	69 081	90 068	352 631	6 302 488	15 439 037	130 255	1 715 041	15 531 028	265 653	11 332 201	65 670 992
1979	713 125	13 958 502	32 339	85 347	295 577	5 201 260	14 731 414	218 802	1 804 230	19 052 483	185 848	9 885 639	66 164 546
1980	858 093	9 054 074	-	72 106	237 349	1 764 726	16 674 572	415 745	2 796 075	20 154 080	433 287	7 139 874	59 605 981
1981	995 939	12 139 082	-	47 526	490 256	2 929 077	15 787 684	568 445	2 564 578	17 282 339	196 683	5 849 266	58 850 875
1982	481 542	5 772 584	13 788	2 817	304 437	2 249 304	17 634 072	366 136	2 370 138	13 795 173	132 747	5 901 366	49 024 104
1983	768 254	7 919 235	11 037	23 119	321 833	3 261 849	19 277 286	235 853	1 985 059	10 333 512	130 482	5 877 567	50 145 086
1984	710 699	8 142 640	10 538	16 693	446 830	4 752 393	18 286 055	393 063	1 700 224	12 851 014	93 878	6 512 831	53 916 858
1985	660 510	6 159 577	14 354	21 155	349 026	3 682 879	13 012 693	574 427	1 408 901	10 685 635	25 667	5 256 936	41 851 760
1986	685 615	5 421 405	25 806	42 203	385 297	3 663 704	13 740 632	373 826	1 535 231	9 956 539	80 212	5 702 300	41 612 770
1987	826 032	6 708 652	34 818	20 893	403 273	3 436 375	14 652 471	381 343	1 726 559	9 341 713	34 030	5 158 596	42 724 755
1988	1 021 144	6 877 770	21 078	21 305	806 021	3 616 674	11 780 819	387 883	1 733 560	12 464 213	64 567	4 741 283	43 536 317
1989	1 294 121	7 133 803	7 280	45 773	375 159	3 256 972	8 110 039	278 393	1 641 103	13 277 162	91 972	4 397 673	39 909 450
1990	569 832	8 171 666	9 300	14 969	312 009	2 883 689	10 545 865	457 924	1 430 581	11 843 025	30 188	3 128 852	39 397 900
1991	719 079	4 803 123	41 248	15 496	261 972	2 042 771	14 330 524	244 866	1 722 219	10 210 328	6 660	2 518 686	36 918 972
TOTAL	34 894 303	346 219 940	527 681	4 388 467	8 400 647	115 451 957	394 594 590	5 903 621	44 035 138	438 026 910	11 498 541	191 794 690	1 595 736 485